

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Melanie A. Kenderdine
Cabinet Secretary

Ben Shelton
Deputy Secretary

Erin Taylor
Deputy Secretary

Albert C.S. Chang
Division Director
Oil Conservation Division



Paula M. Vance
pmvance@hollandhart.com

Administrative Order NSP – 2277

ADMINISTRATIVE NON-STANDARD HORIZONTAL SPACING UNIT

EOG Resources, Inc. [OGRID 7377]

Merciless 13 Federal Com Well No. 101H – 103H

Merciless 13 Federal Com Well No. 201H – 205H

Merciless 13 Federal Com Well No. 221H – 224H

Merciless 13 Federal Com Well No. 301H – 305H

ENTIRE HSU: SEC 13, SEC 24, & SEC 25 T25S, R32E, Lea County, New Mexico

Reference is made to your application received on April 15th, 2025.

As submitted, the Horizontal Spacing Unit (HSU) proposed encompasses two pools: (1) Pool Code: 97784 and (2) 97838. The entire dedicated acreage for this HSU will be 1920 acres. This NSP pertains to the Jennings; Upper Bone Spring Shale Pool (code: **97838**), only.

The requested approval of a non-standard horizontal spacing unit is as follows:

NSP Horizontal Spacing Unit:

Description	Acres	Pool	Pool Code
Section 25	640	Jennings; Upper Bone Spring, Shale	97838

NSP - 2277
EOG Resources, Inc.
Page 2 of 2

Entire Proposed Horizontal Spacing Unit

Description	Acres	Pool	Pool Code
Section 13	1280	Wildcat; Upper Bone Spring	97784
Section 24			
Section 25	640	Jennings; Upper Bone Spring Shale	97838

Total Horizontal Spacing Unit areage

A = 1920 acres

You have requested an exception pursuant to Rule 19.15.16.15(A)(3) NMAC, to approve a non-standard horizontal spacing unit consisting of the entire area described above as the horizontal spacing unit. The proposed horizontal spacing unit does not consist of a quarter - quarter section or equivalent in sections, as required by Rule 19.15.16.15(B)(1) NMAC.

We understand that you are seeking this exception for an allowance to create a non-standard horizontal spacing unit, comprised of the Proposed Horizontal Spacing Unit referenced above within Lea County, New Mexico.

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in Paragraph (8) Subsection A of 19.15.2.7 NMAC, in all adjoining units which are to be being included.

You have requested this non-standard horizontal spacing unit in order to consolidate surface facilities, to prevent surface, environmental and economic waste and to protect the correlative rights within the **Jennings; Upper Bone Spring Shale, (Pool Code 97838)** formation. Thereby, preventing waste underlying all of Section 13 and all of Section 24, (97784) and all of Section 25 (97838) within the referenced Horizontal Spacing Unit.

Pursuant to the authority conferred by Division Rule 19.15.16.15(B)(5) NMAC, the above-described **non-standard horizontal spacing unit is hereby approved**. Further, the Applicant may add additional wells to the non-standard spacing unit, the well(s) must be in the same horizontal spacing unit and pool/formation. The new well's APD shall reference this NSP order number on Form C-102 with an adjacent letter stating this request.

General Provisions

The above approvals are subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 19.15.5.9 NMAC.

NSP - 2277
EOG Resources, Inc.
Page 3 of 2

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.



Albert C.S. Chang, PE
Division Director
AC/lrl

Date: 7/3/2025

NSP - 2277

Revised March 23, 2017

ID NO. 452486

RECEIVED: 04/15/25	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: EOG Resources, Inc. **OGRID Number:** 7377
Well Name: Merciless wells **API:** 30-025-various
Pool: Jennings; Bone Spring Upper Shale **Pool Code:** 97838

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☒ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

- 3) CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

April 15, 2025

Date

Paula M. Vance

Print or Type Name

Signature

505-988-4421

Phone Number

pmvance@hollandhart.com

e-mail Address



Paula M. Vance
Associate
Phone (505) 954-7286
 PMVance@hollandhart.com

April 15, 2025

VIA ONLINE FILING

Gerasimos Razatos, Division Director (Acting)
 Oil Conservation Division
 Energy, Minerals and Natural Resources Department
 1220 South Saint Francis Drive
 Santa Fe, New Mexico 87505

Re: Application of EOG Resources, Inc. for administrative approval of a 1,920-acre non-standard horizontal spacing unit, a portion of which is in the Jennings; Bone Spring Upper Shale [97838] (Section 25), and comprised of All of Sections 13, 24 and 25, Township 25 South, Range 32 East, NMPM, Lea County, New Mexico.

Dear Mr. Razatos:

Pursuant to 19.15.16.15(B)(5) NMAC, EOG Resources, Inc. ("EOG") (OGRID No. 7377) seeks administrative approval of a non-standard 1,920-acre horizontal spacing unit comprised of All of Sections 13, 24 and 25, Township 25 South, Range 32 East, NMPM, Lea County, New Mexico. The proposed non-standard spacing will be developed by the following wells:

- **Merciless 13 Fed Com #101H (Upper BS)** (API No. 30-025-54336)
- **Merciless 13 Fed Com #201H (Upper BS)** (API No. 30-025-53437)
- **Merciless 13 Fed Com #202H (Upper BS)** (API No. 30-025-53441)
- **Merciless 13 Fed Com #221H (Upper BS)** (API No. 30-025-54328)
- **Merciless 13 Fed Com #222H (Upper BS)** (API No. 30-025-53439)
- **Merciless 13 Fed Com #301H (Upper BS)** (API No. 30-025-54337)
- **Merciless 13 Fed Com #302H (Upper BS)** (API No. 30-025-53440)
- **Merciless 13 Fed Com #102H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #103H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #203H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #204H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #205H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #223H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #224H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #303H (Upper BS)** (API No. 30-025-PENDING)

T 505.988.4421 F 505.983.6043
 110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
 Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
 www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

- **Merciless 13 Fed Com #304H (Upper BS)** (API No. 30-025-PENDING)
- **Merciless 13 Fed Com #305H (Upper BS)** (API No. 30-025-PENDING)

The Division has placed a portion of the wells into the Jennings; Bone Spring Upper Shale [97838] – Sections 25, Township 25 South, Range 32 East.¹ The acreage included in the non-standard spacing unit will be the subject of a single Communitization Agreement.

EOG seeks administrative approval of a non-standard spacing unit to develop the acreage as a single communitized area. Doing so allows EOG to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks and pipelines, and promote effective well spacing, thereby promoting conservation and preventing waste. A single surface facility also reduces emissions from multiple tank batteries. Division Rules contemplate and encourage oil and gas development, where possible, in enlarged areas of common ownership to minimize surface disturbance and to promote efficient well spacing, *see*, e.g., 19.15.16.7.P NMAC; 19.15.16.15.B(8) NMAC; 19.15.16.15.C(7) NMAC, and authorize administrative approval of such a request, *see* 19.15.16.15(B)(5) NMAC.

Exhibit A is a map showing the proposed non-standard spacing unit, the subject leases, and the proposed wells, along with the different pools involved, including the Jennings; Bone Spring Upper Shale [97838] which is the subject pool involved with this application.

Exhibit B is a copy the Well Location and Acreage Dedication Plat (C-102) for each of the wells within the proposed non-standard spacing unit. The C-102 included is specific for the pool involved with this application, which is the Jennings; Bone Spring Upper Shale [97838].

Exhibit C is a lease map showing the notice tracts for the proposed non-standard spacing unit.

Exhibit D is a cross section exhibit showing the Bone Spring target for these subject wells.

Exhibit E is a spreadsheet listing all “affected persons”² in the affected offset acreage to be noticed. Exhibit E also includes tracking information demonstrating that each of the affected persons was sent a copy of this application with all attachments by certified mail advising that any objections must be filed in writing with the Division within 20 days from the date the Division receives the application. A copy of this application has been provided to the State Land Office and Bureau of Land Management since state and federal lands are involved.

¹ This application is specific for the pool indicated; a separate application is being filed for the other pool involved with EOG’s proposed non-standard spacing unit.

² See NMAC §§ 19.15.2.7.A(8) [defining “affected persons” as, “in the absence of an operator, or with respect to an application wherein the operator of the spacing unit or identified tract is the applicant, each working interest owner”] and 19.15.4.12.A(2)(a).

Your attention to this matter is appreciated.

Sincerely,



Paula M. Vance
ATTORNEY FOR
EOG RESOURCES, INC.

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

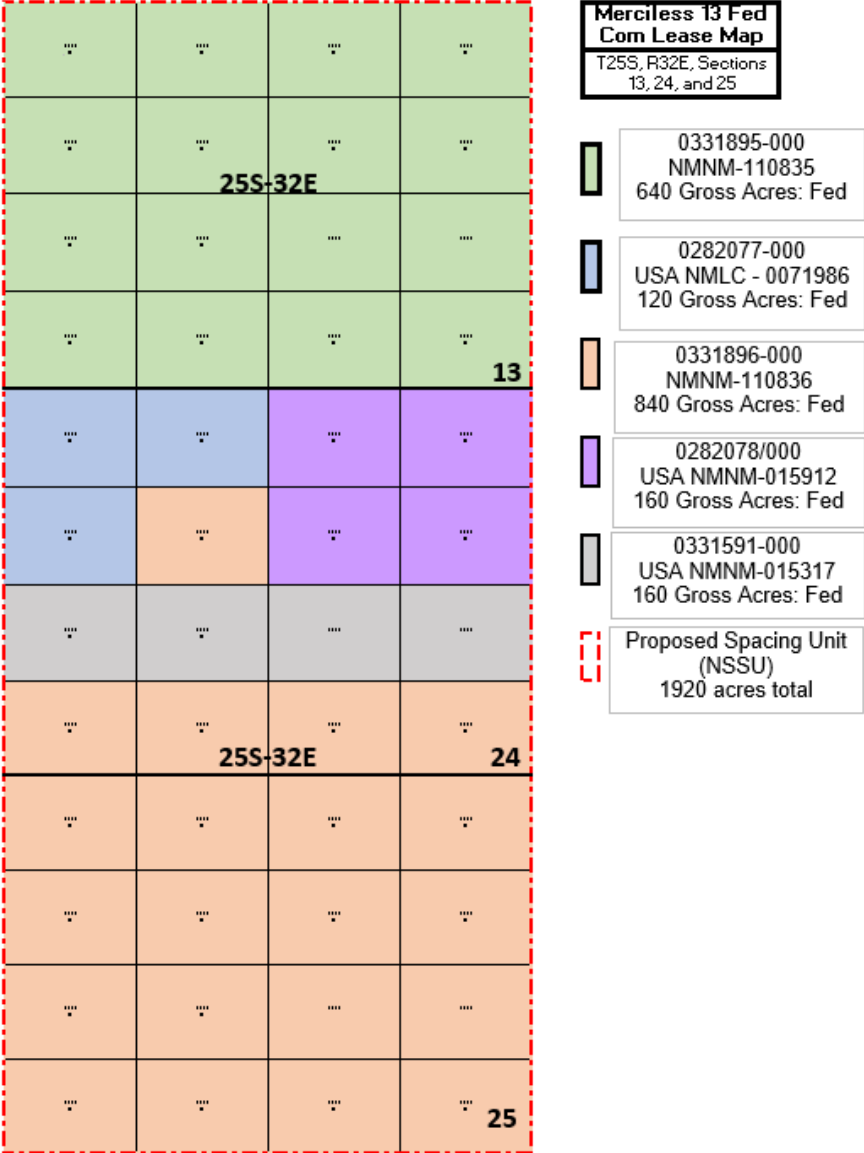
Alaska
Colorado
Idaho

Montana
Nevada
New Mexico

Utah
Washington, D.C.
Wyoming

Proposed Non-Standard Horizontal Spacing Unit
Merciless 13 Fed Com: Sections 13, 24, and 35, T25S-R32E
Lease Summary

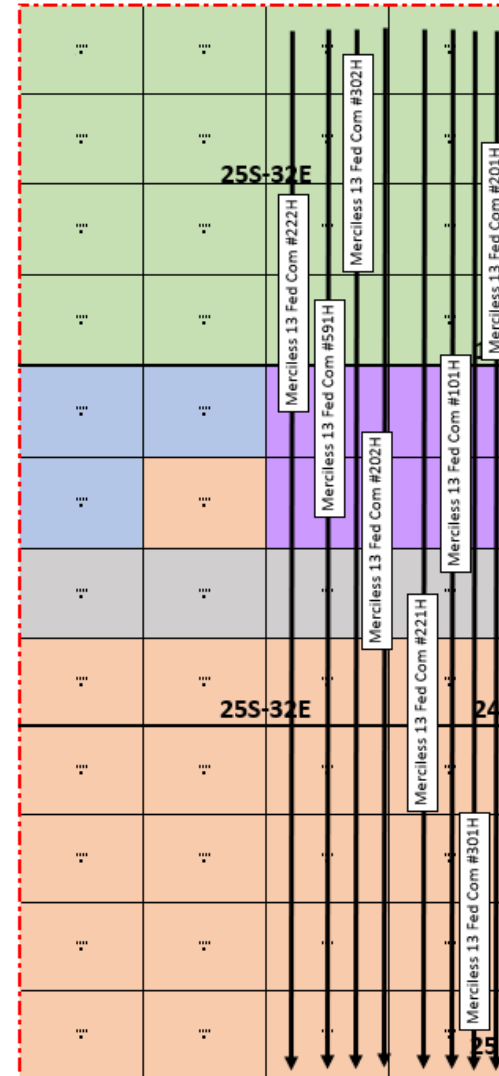
EXHIBIT
A



Proposed Non-Standard Horizontal Spacing Unit Merciless 13 Fed Com: Sections 13, 24, and 35, T25S-R32E Upper Bone Spring Well List

Well Name	API #	Formation	Target	Spud Date
Merciless 13 Fed Com #101H	30-025-54336	Bone Spring	Upper Bone Spring	April 2025
Merciless 13 Fed Com #201H	30-025-53437	Bone Spring	Upper Bone Spring	April 2025
Merciless 13 Fed Com #202H	30-025-53441	Bone Spring	Upper Bone Spring	June 2025
Merciless 13 Fed Com #221H	30-025-54328	Bone Spring	Upper Bone Spring	May 2025
Merciless 13 Fed Com #222H	30-025-53439	Bone Spring	Upper Bone Spring	April 2025
Merciless 13 Fed Com #301H	30-025-54337	Bone Spring	Upper Bone Spring	March 2025
Merciless 13 Fed Com #302H	30-025-53440	Bone Spring	Upper Bone Spring	May 2025

Pool Code: Upper Bone Spring	
Sections 13 and 24:	WC-025 G-06 S253201M; UPPER BONE SPR [97784]
Section 25:	JENNINGS; BONE SPRING UPPER SHALE [97838]



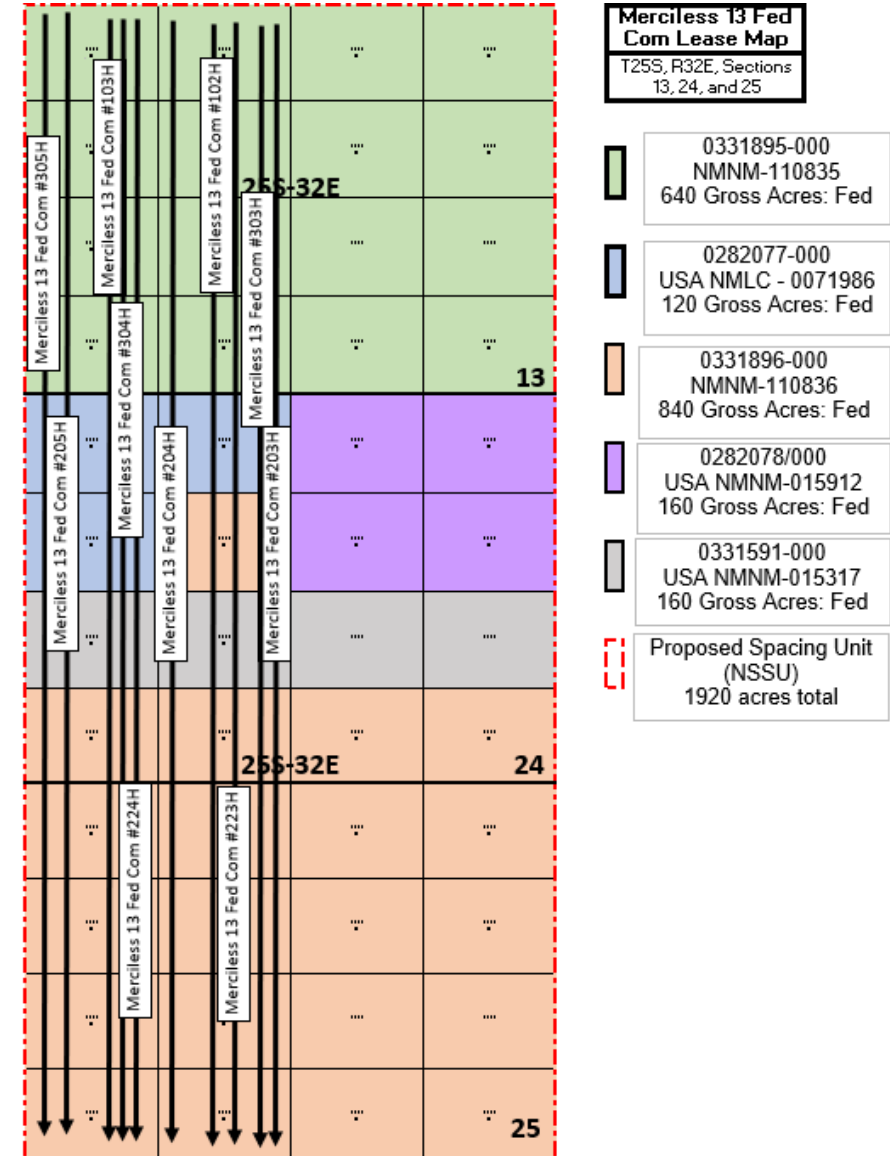
Merciless 13 Fed Com Lease Map
T25S, R32E, Sections 13, 24, and 25

- 0331895-000
NMNM-110835
640 Gross Acres: Fed
- 0282077-000
USA NMLC - 0071986
120 Gross Acres: Fed
- 0331896-000
NMNM-110836
840 Gross Acres: Fed
- 0282078/000
USA NMNM-015912
160 Gross Acres: Fed
- 0331591-000
USA NMNM-015317
160 Gross Acres: Fed
- Proposed Spacing Unit (NSSU)
1920 acres total

Proposed Non-Standard Horizontal Spacing Unit Merciless 13 Fed Com: Sections 13, 24, and 35, T25S-R32E Upper Bone Spring Well List

<u>Well Name</u>	<u>API #</u>	<u>Formation</u>	<u>Target</u>	<u>Spud Date</u>
Merciless 13 Fed Com #102H	Pending	Bone Spring	Upper Bone Spring	November 2025
Merciless 13 Fed Com #103H	Pending	Bone Spring	Upper Bone Spring	November 2025
Merciless 13 Fed Com #203H	Pending	Bone Spring	Upper Bone Spring	November 2025
Merciless 13 Fed Com #204H	Pending	Bone Spring	Upper Bone Spring	December 2025
Merciless 13 Fed Com #205H	Pending	Bone Spring	Upper Bone Spring	December 2025
Merciless 13 Fed Com #223H	Pending	Bone Spring	Upper Bone Spring	December 2025
Merciless 13 Fed Com #224H	Pending	Bone Spring	Upper Bone Spring	December 2025
Merciless 13 Fed Com #303H	Pending	Bone Spring	Upper Bone Spring	January 2026
Merciless 13 Fed Com #304H	Pending	Bone Spring	Upper Bone Spring	January 2026
Merciless 13 Fed Com #305H	Pending	Bone Spring	Upper Bone Spring	January 2026

Pool Code: Upper Bone Spring	
Sections 13 and 24:	WC-025 G-06 S253201M; UPPER BONE SPR [97784]
Section 25:	JENNINGS; BONE SPRING UPPER SHALE [97838]



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	EXHIBIT B		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 30-025-54336	Pool Code Section 25: 978338	Pool Name Section 25: JENNINGS; BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 101H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3494'
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
A	13	25-S	32-E	-	628' N	1319' E	N 32.1361135	W 103.6241522	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
P	25	25-S	32-E	-	100' S	840' E	N 32.0945757	W 103.6226313	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			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
A	13	25-S	32-E	-	160' N	767' E	N 32.1374084	W 103.6223671	LEA

First Take Point (FTP)

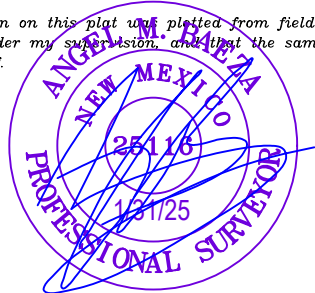
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	32-E	-	160' N	767' E	N 32.1374084	W 103.6223671	LEA

Last Take Point (LTP)

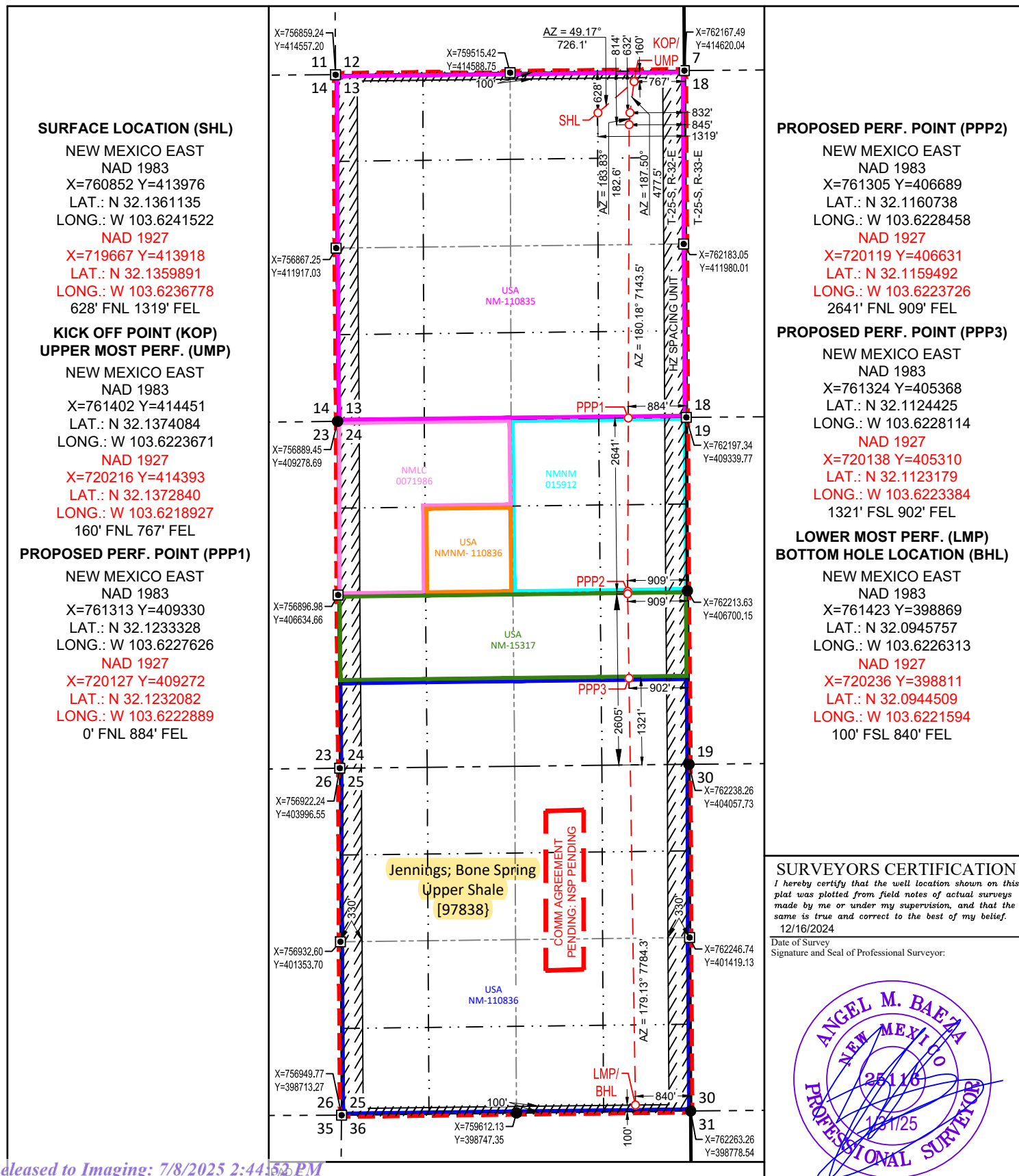
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
P	25	25-S	32-E	-	100' S	840' E	N 32.0945757	W 103.6226313	LEA

Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3519'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 12/16/2024
E-mail Address _____			



<u>C-102</u> 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
Property Name and Well Number <div>MERCILESS 13 FED COM 101H</div>		<input type="checkbox"/> As Drilled	



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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 102H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	673' N	886' W	N 32.1359450	W 103.6341836	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
N	25	25-S	32-E	-	100' S	1974' W	N 32.0945379	W 103.6307040	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
C	13	25-S	32-E	-	50' N	1969' W	N 32.1376731	W 103.6306799	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
C	13	25-S	32-E	-	100' N	1969' W	N 32.1375356	W 103.6306800	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
N	25	25-S	32-E	-	100' S	1974' W	N 32.0945379	W 103.6307040	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
E-mail Address _____			

**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

MERCILESS 13 FED COM 102H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=757748 Y=413895
LAT.: N 32.1359450
LONG.: W 103.6341836

NAD 1927
X=716562 Y=413837
LAT.: N 32.1358205
LONG.: W 103.6337089
673' FNL 886' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=758828 Y=414531
LAT.: N 32.1376731
LONG.: W 103.6306799

NAD 1927
X=717642 Y=414473
LAT.: N 32.1375487
LONG.: W 103.6302052
50' FNL 1969' FWL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=758828 Y=414481
LAT.: N 32.1375356
LONG.: W 103.6306800

NAD 1927
X=717643 Y=414423
LAT.: N 32.1374112
LONG.: W 103.6302053
100' FNL 1969' FWL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=758860 Y=409302
LAT.: N 32.1233002
LONG.: W 103.6306880

NAD 1927
X=717674 Y=409244
LAT.: N 32.1231757
LONG.: W 103.6302141
0' FSL 1970' FWL

PROPOSED PERF. POINT (PPP2)

NEW MEXICO EAST
NAD 1983
X=758868 Y=407980
LAT.: N 32.1196678
LONG.: W 103.6306900

NAD 1927
X=717682 Y=407923
LAT.: N 32.1195432
LONG.: W 103.6302163
1321' FNL 1974' FWL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=758876 Y=406659
LAT.: N 32.1160353
LONG.: W 103.6306920

NAD 1927
X=717690 Y=406601
LAT.: N 32.1159108
LONG.: W 103.6302186
2641' FSL 1979' FWL

PROPOSED PERF. POINT (PPP4)

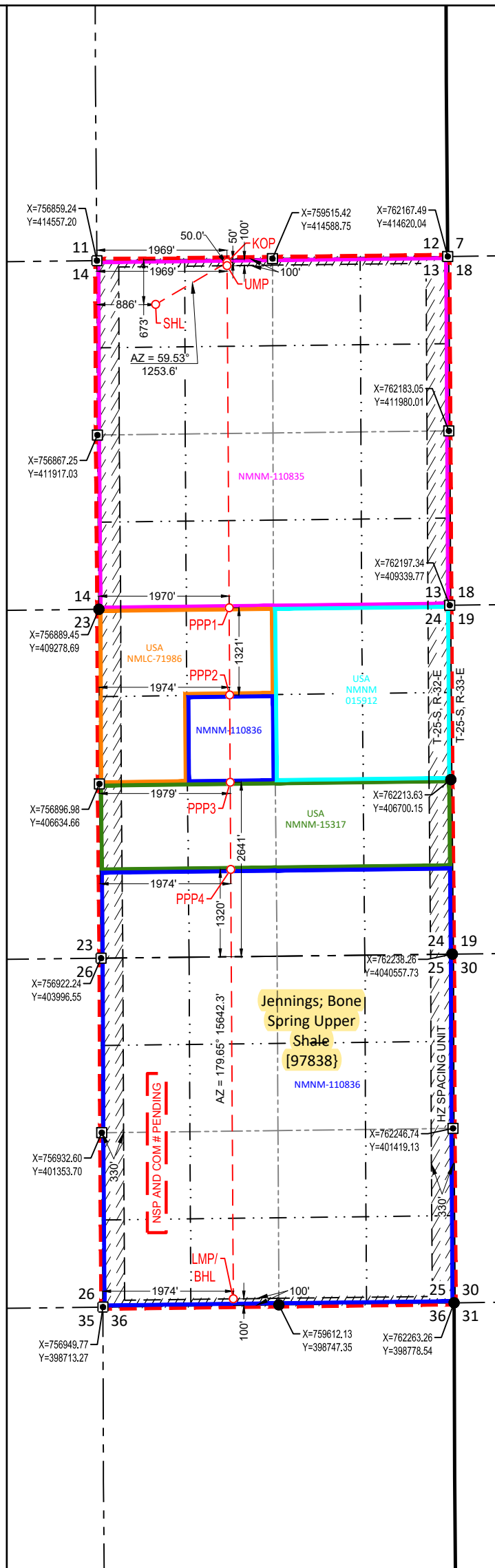
NEW MEXICO EAST
NAD 1983
X=758884 Y=405339
LAT.: N 32.1124059
LONG.: W 103.6306940

NAD 1927
X=717698 Y=405281
LAT.: N 32.1122813
LONG.: W 103.6302208
1320' FSL 1974' FWL

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

NEW MEXICO EAST
NAD 1983
X=758923 Y=398839
LAT.: N 32.0945379
LONG.: W 103.6307040

NAD 1927
X=717737 Y=398781
LAT.: N 32.0944132
LONG.: W 103.6302318
100' FSI 1974' FWI



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.

10/21/2024

Date of Survey
Signature and Seal of Professional Surveyor:

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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 103H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	672' N	854' W	N 32.1359456	W 103.6342902	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
M	25	25-S	32-E	-	100' S	834' W	N 32.0945181	W 103.6343851	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
D	13	25-S	32-E	-	50' N	829' W	N 32.1376562	W 103.6343628	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
D	13	25-S	32-E	-	100' N	829' W	N 32.1375188	W 103.6343629	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
M	25	25-S	32-E	-	100' S	834' W	N 32.0945181	W 103.6343851	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
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 30-025-53437	Pool Code Section 25: 978338	Pool Name Section 25: JENNINGS; BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 201H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3494'
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
B	13	25-S	32-E	-	664' N	1337' E	N 32.1360143	W 103.6242104	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
P	25	25-S	32-E	-	100' S	330' E	N 32.0945829	W 103.6209845	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			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
A	13	25-S	32-E	-	216' N	330' E	N 32.1372603	W 103.6209562	LEA

First Take Point (FTP)

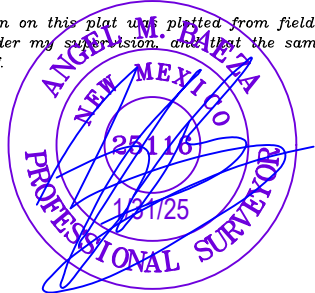
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	32-E	-	216' N	330' E	N 32.1372603	W 103.6209562	LEA

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
P	25	25-S	32-E	-	100' S	330' E	N 32.0945829	W 103.6209845	LEA

Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3519'
--	--	--

OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 12/16/2024
E-mail Address _____			



C-102

Submit Electronically
Via OCD PermittingState 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

MERCILESS 13 FED COM 201H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=760834 Y=413940
LAT.: N 32.1360143
LONG.: W 103.6242104
NAD 1927
X=719649 Y=413882
LAT.: N 32.1358899
LONG.: W 103.6237360
664' FNL 1337' FEL

KICK OFF POINT (KOP)
UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=761839 Y=414400
LAT.: N 32.1372603
LONG.: W 103.6209562
NAD 1927
X=720653 Y=414342
LAT.: N 32.1371359
LONG.: W 103.6204818
216' FNL 330' FEL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=761841 Y=409336
LAT.: N 32.1233395
LONG.: W 103.6210558
NAD 1927
X=720656 Y=409278
LAT.: N 32.1232150
LONG.: W 103.6205822
0' FNL 356' FEL

PROPOSED PERF. POINT (PPP2)

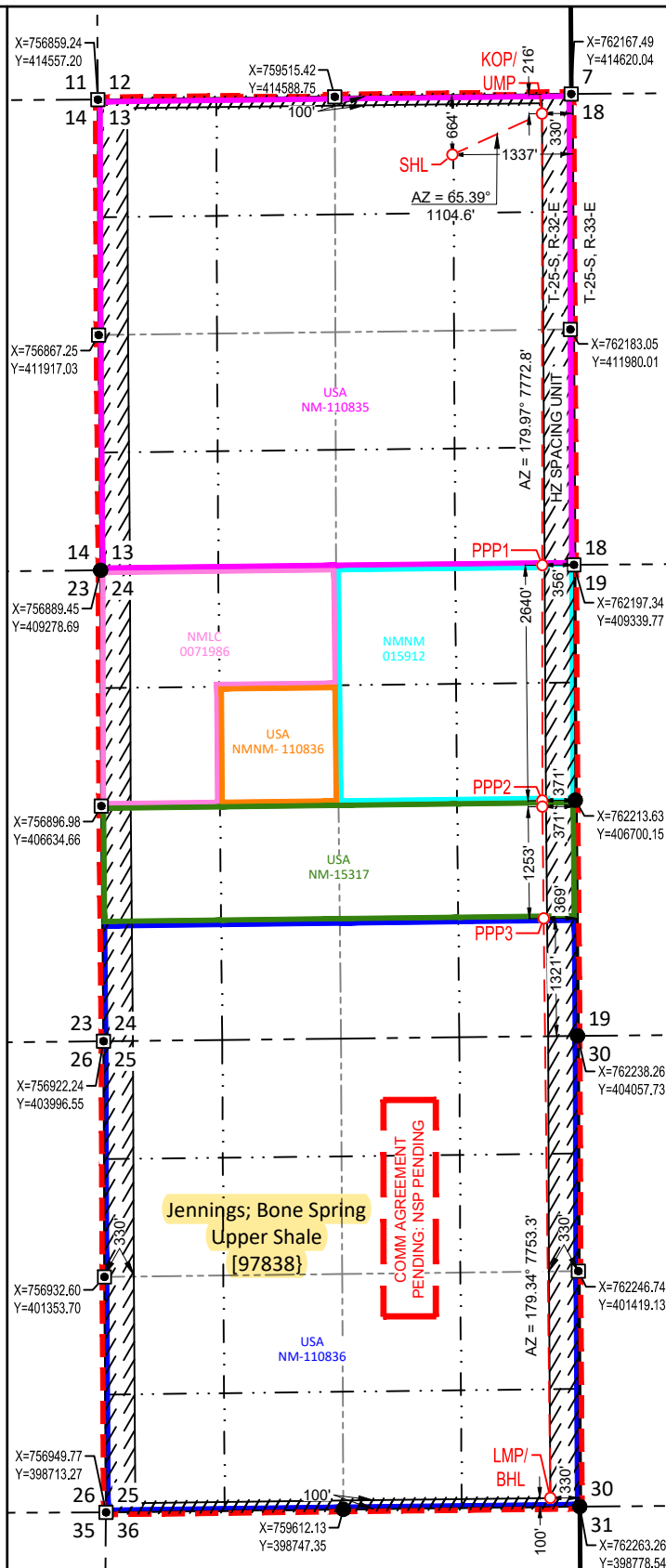
NEW MEXICO EAST
NAD 1983
X=761843 Y=406696
LAT.: N 32.1160823
LONG.: W 103.6211077
NAD 1927
X=720657 Y=406638
LAT.: N 32.1159577
LONG.: W 103.6206345
2640' FNL 371' FEL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=761857 Y=405374
LAT.: N 32.1124506
LONG.: W 103.6210889
NAD 1927
X=720671 Y=405317
LAT.: N 32.1123260
LONG.: W 103.6206160
1321' FSL 369' FEL

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

NEW MEXICO EAST
NAD 1983
X=761933 Y=398875
LAT.: N 32.0945829
LONG.: W 103.6209845
NAD 1927
X=720746 Y=398817
LAT.: N 32.0944582
LONG.: W 103.6205126
100' FSL 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.

12/16/2024

Date of Survey

Signature and Seal of Professional Surveyor:



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 30-025-53441	Pool Code Section 25: 978338	Pool Name Section 25: JENNINGS; BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 202H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3495'
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
B	13	25-S	32-E	-	212' N	2001' E	N 32.1372477	W 103.6263545	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
O	25	25-S	32-E	-	100' S	1470' E	N 32.0945667	W 103.6246656	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			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
B	13	25-S	32-E	-	65' N	1402' E	N 32.1376588	W 103.6244179	LEA

First Take Point (FTP)

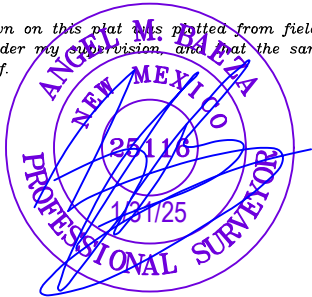
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	13	25-S	32-E	-	100' N	1406' E	N 32.1375636	W 103.6244330	LEA

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
O	25	25-S	32-E	-	100' S	1470' E	N 32.0945667	W 103.6246656	LEA

Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3520'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 12/16/2024
E-mail Address _____			



C-102

Submit Electronically
Via OCD PermittingState 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

MERCILESS 13 FED COM 202H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=760168 Y=414385
LAT.: N 32.1372477
LONG.: W 103.6263545
NAD 1927
X=718982 Y=414327
LAT.: N 32.1371233
LONG.: W 103.6258800
212' FNL 2001' FEL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=760766 Y=414538
LAT.: N 32.1376588
LONG.: W 103.6244179
NAD 1927
X=719581 Y=414480
LAT.: N 32.1375344
LONG.: W 103.6239434
65' FNL 1402' FEL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=760762 Y=414503
LAT.: N 32.1375636
LONG.: W 103.6244330
NAD 1927
X=719576 Y=414445
LAT.: N 32.1374392
LONG.: W 103.6239585
100' FNL 1406' FEL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=760660 Y=409322
LAT.: N 32.1233244
LONG.: W 103.6248718
NAD 1927
X=719474 Y=409265
LAT.: N 32.1231999
LONG.: W 103.6243981
0' FNL 1537' FEL

PROPOSED PERF. POINT (PPP2)

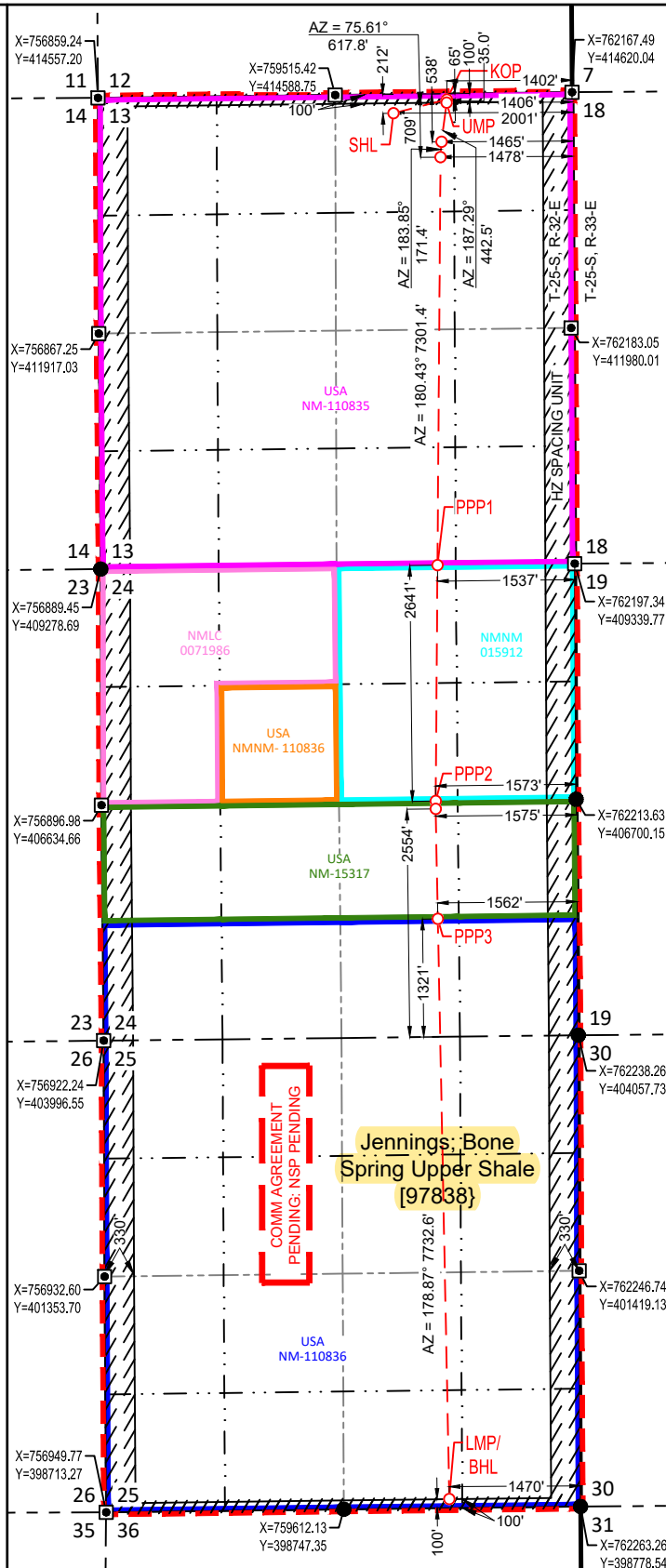
NEW MEXICO EAST
NAD 1983
X=760640 Y=406681
LAT.: N 32.1160633
LONG.: W 103.6249915
NAD 1927
X=719454 Y=406623
LAT.: N 32.1159388
LONG.: W 103.6245183
2641' FNL 1573' FEL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=760664 Y=405360
LAT.: N 32.1124324
LONG.: W 103.6249429
NAD 1927
X=719478 Y=405302
LAT.: N 32.1123078
LONG.: W 103.6244699
1321' FSL 1562' FEL

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

NEW MEXICO EAST
NAD 1983
X=760793 Y=398861
LAT.: N 32.0945667
LONG.: W 103.6246656
NAD 1927
X=719606 Y=398804
LAT.: N 32.0944420
LONG.: W 103.6241936
100' FSL 1470' FEL



SURVEYORS CERTIFICATION

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12/16/2024

Date of Survey
Signature and Seal of Professional Surveyor:



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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 203H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3489'
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
C	13	25-S	32-E	-	806' N	2029' W	N 32.1355947	W 103.6304934	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
N	25	25-S	32-E	-	100' S	2644' W	N 32.0945495	W 103.6285409	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
C	13	25-S	32-E	-	50' N	2638' W	N 32.1376829	W 103.6285161	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
C	13	25-S	32-E	-	100' N	2638' W	N 32.1375455	W 103.6285167	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
N	25	25-S	32-E	-	100' S	2644' W	N 32.0945495	W 103.6285409	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3514'
--	--	--

OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
E-mail Address _____			

S:\SURVEY\EOG\MIN\UNITIZED\NSP_13_FED_COM\INFILL_PRODUCT\EOG_MERCILESS_13_FED_COM_2024_0709.dwg 04/15/2025 14:28:25 -437W

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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 204H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	774' N	1012' W	N 32.1356678	W 103.6337787	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
N	25	25-S	32-E	-	100' S	1564' W	N 32.0945308	W 103.6320279	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
C	13	25-S	32-E	-	50' N	1559' W	N 32.1376670	W 103.6320044	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
C	13	25-S	32-E	-	100' N	1559' W	N 32.1375296	W 103.6320045	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
N	25	25-S	32-E	-	100' S	1564' W	N 32.0945308	W 103.6320279	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
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Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
E-mail Address _____			

Revised July 9, 2024

Submittal
Type:

☒ Initial Submittal
☐ Amended Report
☐ As Drilled

[illegible]

MERCILESS 13 FED COM 204H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=757874 Y=413795
LAT.: N 32.1356678
LONG.: W 103.6337787

NAD 1927
X=716688 Y=413737
LAT.: N 32.1355434
LONG.: W 103.6333040
774' FNL 1012' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=758418 Y=414526
LAT.: N 32.1376670
LONG.: W 103.6320044

NAD 1927
X=717232 Y=414468
LAT.: N 32.1375426
LONG.: W 103.6315297
50' FNL 1559' FWL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=758418 Y=414476
LAT.: N 32.1375296
LONG.: W 103.6320045

NAD 1927
X=717233 Y=414418
LAT.: N 32.1374052
LONG.: W 103.6315298
100' FNL 1559' FWL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=758450 Y=409297
LAT.: N 32.1232943
LONG.: W 103.6320123

NAD 1927
X=717264 Y=409239
LAT.: N 32.1231698
LONG.: W 103.6315384
0' FNL 1560' FWL

PROPOSED PERF. POINT (PPP2)

NEW MEXICO EAST
NAD 1983
X=758458 Y=407976
LAT.: N 32.1196615
LONG.: W 103.6320143

NAD 1927
X=717272 Y=407918
LAT.: N 32.1195370
LONG.: W 103.6315406
1322' FNL 1564' FWL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=758466 Y=406654
LAT.: N 32.1160288
LONG.: W 103.6320163

NAD 1927
X=717280 Y=406596
LAT.: N 32.1159042
LONG.: W 103.6315428
2640' FSL 1569' FWL

PROPOSED PERF. POINT (PPP4)

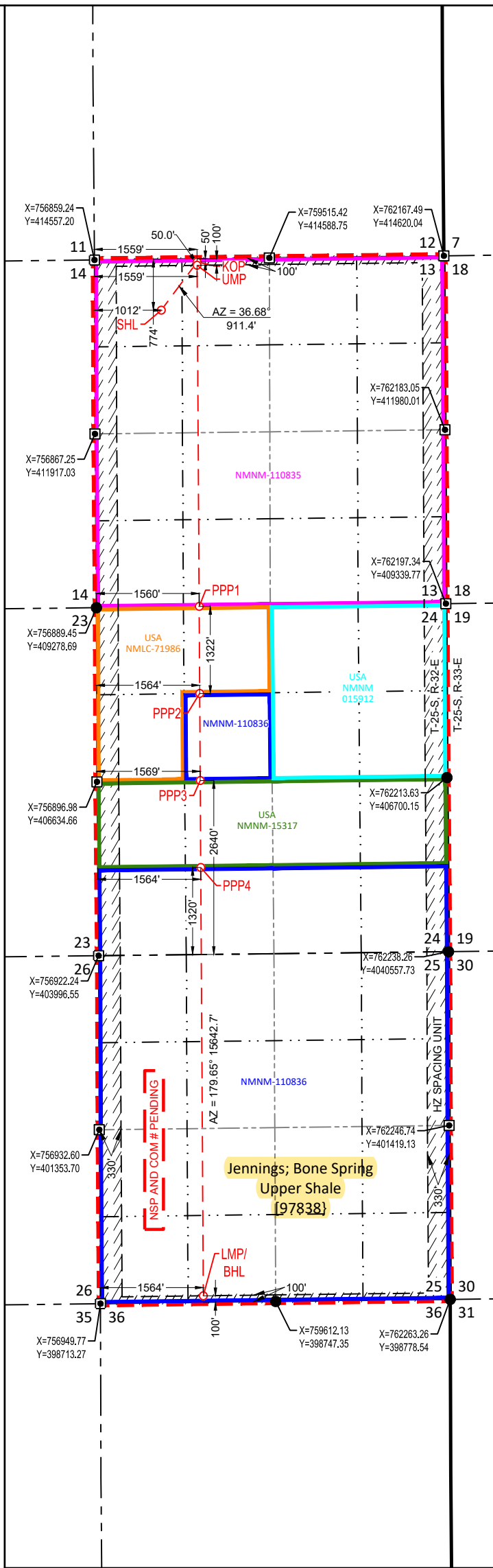
NEW MEXICO EAST
NAD 1983
X=758474 Y=405334
LAT.: N 32.1124000
LONG.: W 103.6320182

NAD 1927
X=717288 Y=405276
LAT.: N 32.1122754
LONG.: W 103.6315450
1320' FSL 1564' FWL

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

NEW MEXICO EAST
NAD 1983
X=758513 Y=398833
LAT.: N 32.0945308
LONG.: W 103.6320279

NAD 1927
X=717327 Y=398776
LAT.: N 32.0944061
LONG.: W 103.6315556
100' FSL 1564' FWL



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.

10/21/2024

Date of Survey
Signature and Seal of Professional Surveyor:

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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 205H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	731' N	773' W	N 32.1357821	W 103.6345499	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
M	25	25-S	32-E	-	100' S	464' W	N 32.0945117	W 103.6355799	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
D	13	25-S	32-E	-	50' N	459' W	N 32.1376507	W 103.6355581	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
D	13	25-S	32-E	-	100' N	459' W	N 32.1375133	W 103.6355582	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
M	25	25-S	32-E	-	100' S	464' W	N 32.0945117	W 103.6355799	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
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 30-025-54328	Pool Code Section 25: 978338	Pool Name Section 25: JENNINGS; BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 221H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3494'
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
A	13	25-S	32-E	-	610' N	1311' E	N 32.1361631	W 103.6241263	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
P	25	25-S	32-E	-	100' S	900' E	N 32.0945748	W 103.6228251	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			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
A	13	25-S	32-E	-	160' N	881' E	N 32.1374056	W 103.6227351	LEA

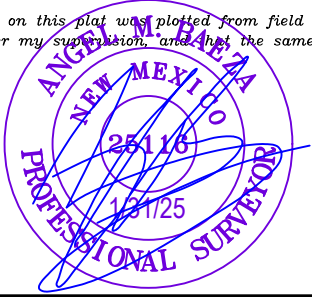
First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	32-E	-	160' N	881' E	N 32.1374056	W 103.6227351	LEA

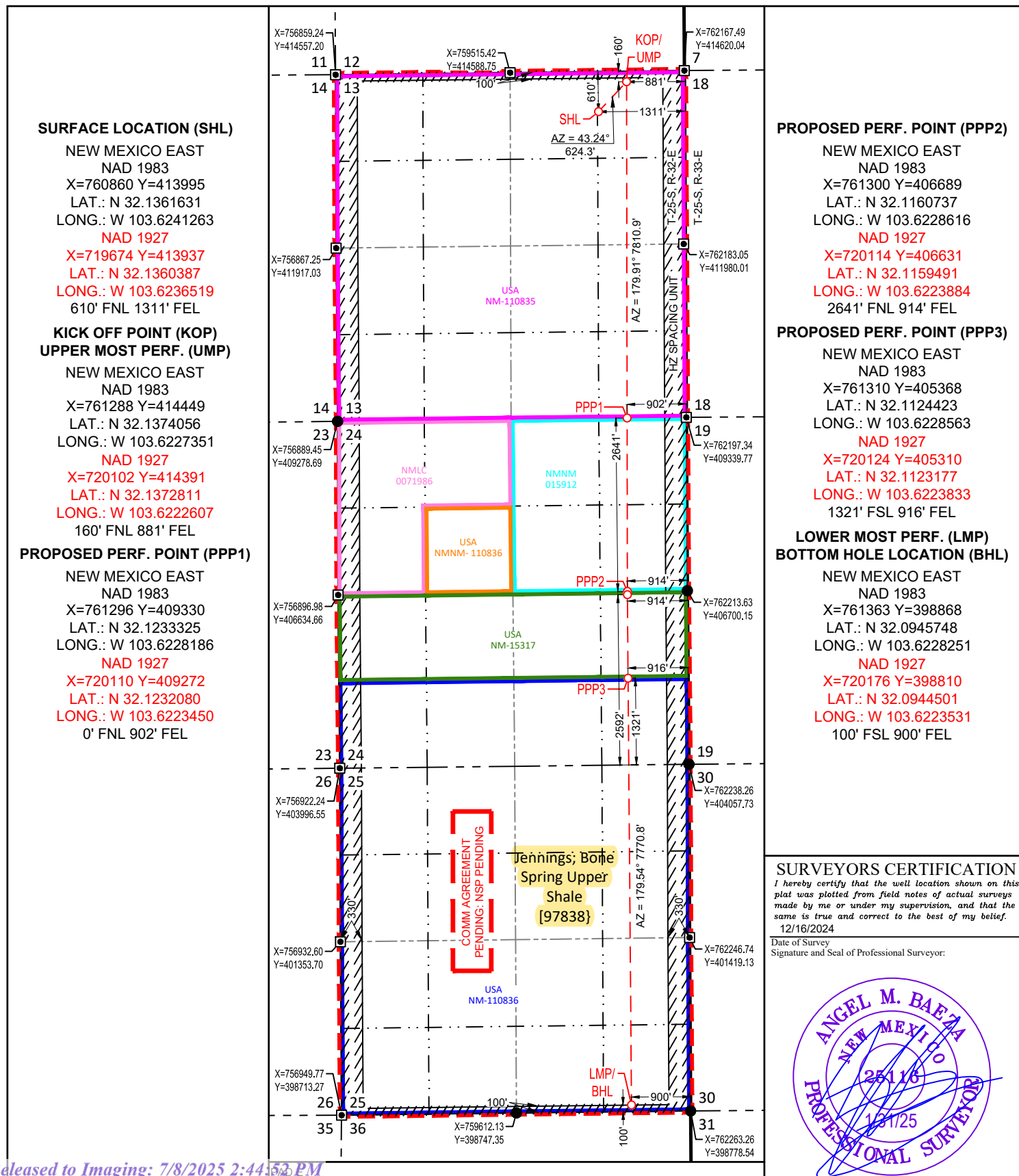
Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
P	25	25-S	32-E	-	100' S	900' E	N 32.0945748	W 103.6228251	LEA

Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3519'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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> 	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 12/16/2024
E-mail Address _____			

<u>C-102</u> 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
Property Name and Well Number		<input type="checkbox"/> As Drilled	
MERCILESS 13 FED COM 221H			



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 30-025-53439	Pool Code Section 25 : 97838	Pool Name Section 25: Jennings; Bone Spring Upper Shale
Property Code	Property Name MERCILESS 13 FED COM	Well Number 222H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3495'
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. B	Section 13	Township 25-S	Range 32-E	Lot Idn -	Feet from the N/S 212' N	Feet from the E/W 2061' E	Latitude N 32.1372472	Longitude W 103.6265483	County LEA
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Bottom Hole Location

UL or lot no. O	Section 25	Township 25-S	Range 32-E	Lot Idn -	Feet from the N/S 100' S	Feet from the E/W 2040' E	Latitude N 32.0945585	Longitude W 103.6265055	County LEA
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Dedicated Acres 640.00	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no. B	Section 13	Township 25-S	Range 32-E	Lot Idn -	Feet from the N/S 50' N	Feet from the E/W 2040' E	Latitude N 32.1376920	Longitude W 103.6264802	County LEA
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First Take Point (FTP)

UL or lot no. B	Section 13	Township 25-S	Range 32-E	Lot Idn -	Feet from the N/S 100' N	Feet from the E/W 2040' E	Latitude N 32.1375545	Longitude W 103.6264812	County LEA
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Last Take Point (LTP)

UL or lot no. O	Section 25	Township 25-S	Range 32-E	Lot Idn -	Feet from the N/S 100' S	Feet from the E/W 2040' E	Latitude N 32.0945585	Longitude W 103.6265055	County LEA
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Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3520'
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OPERATOR CERTIFICATION

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.

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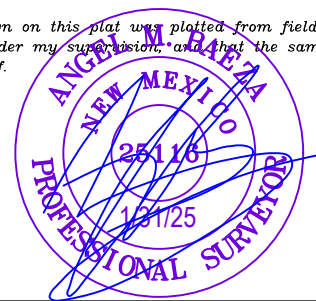
Signature _____ Date _____

Print Name _____

E-mail Address _____

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.



Signature and Seal of Professional Surveyor _____ Date _____

Certificate Number _____

Date of Survey
12/16/2024

C-102

Submit Electronically
Via OCD PermittingState 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

MERCILESS 13 FED COM 222H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=760108 Y=414384
LAT.: N 32.1372472
LONG.: W 103.6265483
NAD 1927
X=718922 Y=414326
LAT.: N 32.1371228
LONG.: W 103.6260738
212' FNL 2061' FEL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=760128 Y=414546
LAT.: N 32.1376920
LONG.: W 103.6264802
NAD 1927
X=718942 Y=414488
LAT.: N 32.1375676
LONG.: W 103.6260056
50' FNL 2040' FEL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=760128 Y=414496
LAT.: N 32.1375545
LONG.: W 103.6264812
NAD 1927
X=718942 Y=414438
LAT.: N 32.1374301
LONG.: W 103.6260067
100' FNL 2040' FEL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=760097 Y=409316
LAT.: N 32.1233172
LONG.: W 103.6266907
NAD 1927
X=718911 Y=409258
LAT.: N 32.1231927
LONG.: W 103.6262169
0' FNL 2100' FEL

PROPOSED PERF. POINT (PPP2)

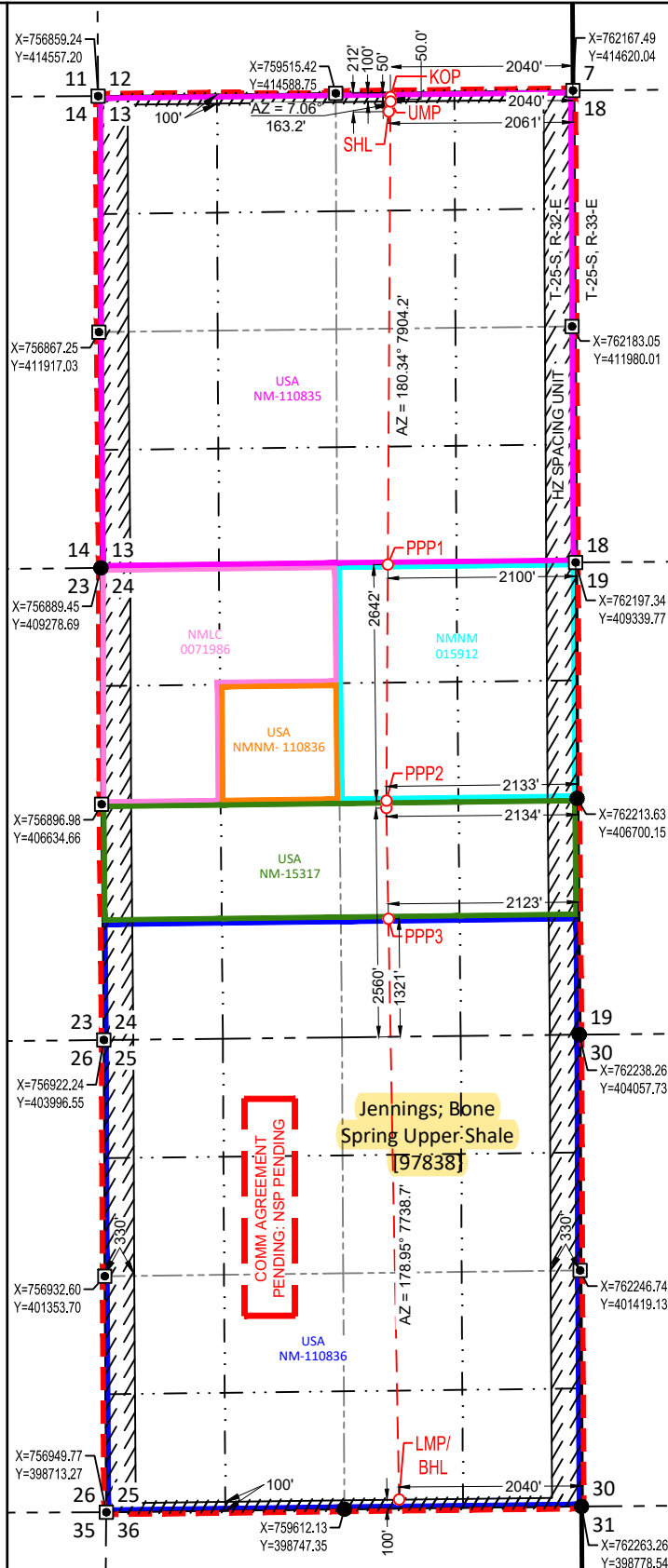
NEW MEXICO EAST
NAD 1983
X=760081 Y=406674
LAT.: N 32.1160545
LONG.: W 103.6267975
NAD 1927
X=718895 Y=406616
LAT.: N 32.1159299
LONG.: W 103.6263242
2642' FNL 2133' FEL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=760104 Y=405353
LAT.: N 32.1124238
LONG.: W 103.6267535
NAD 1927
X=718918 Y=405295
LAT.: N 32.1122992
LONG.: W 103.6262804
1321' FSL 2123' FEL

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

NEW MEXICO EAST
NAD 1983
X=760223 Y=398855
LAT.: N 32.0945585
LONG.: W 103.6265055
NAD 1927
X=719037 Y=398797
LAT.: N 32.0944338
LONG.: W 103.6260334
100' FSL 2040' 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.
12/16/2024

Date of Survey
Signature and Seal of Professional Surveyor:



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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 223H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3489'
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
C	13	25-S	32-E	-	766' N	2029' W	N 32.1357046	W 103.6304925	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
N	25	25-S	32-E	-	100' S	2134' W	N 32.0945407	W 103.6301873	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
C	13	25-S	32-E	-	50' N	2129' W	N 32.1376754	W 103.6301630	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
C	13	25-S	32-E	-	100' N	2129' W	N 32.1375380	W 103.6301631	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
N	25	25-S	32-E	-	100' S	2134' W	N 32.0945407	W 103.6301873	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3514'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
E-mail Address _____			

S:\SURVEY\EOG\MIN\UNITIZED\13_FED_COM\INFILL_PRODUCT\10_OIL_CONSERVATION\13_FED_COM\223H_C102.dwg 04/15/2025 5:44 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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 224H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	732' N	793' W	N 32.1357817	W 103.6344853	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
M	25	25-S	32-E	-	100' S	994' W	N 32.0945209	W 103.6338685	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
D	13	25-S	32-E	-	50' N	989' W	N 32.1376586	W 103.6338459	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
D	13	25-S	32-E	-	100' N	989' W	N 32.1375212	W 103.6338460	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
M	25	25-S	32-E	-	100' S	994' W	N 32.0945209	W 103.6338685	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
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

[illegible]

MERCILESS 13 FED COM 224H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=757655 Y=413835
LAT.: N 32.1357817
LONG.: W 103.6344853
NAD 1927
X=716469 Y=413777
LAT.: N 32.1356573
LONG.: W 103.6340106
732' FNL 793' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=757848 Y=414519
LAT.: N 32.1376586
LONG.: W 103.6338459
NAD 1927
X=716662 Y=414461
LAT.: N 32.1375342
LONG.: W 103.6333711
50' FNL 989' FWL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=757848 Y=414469
LAT.: N 32.1375212
LONG.: W 103.6338460
NAD 1927
X=716663 Y=414411
LAT.: N 32.1373968
LONG.: W 103.6333712
100' FNL 989' FWL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=757880 Y=409290
LAT.: N 32.1232860
LONG.: W 103.6338535
NAD 1927
X=716694 Y=409232
LAT.: N 32.1231615
LONG.: W 103.6333795
0' FNL 990' FWL

PROPOSED PERF. POINT (PPP2)

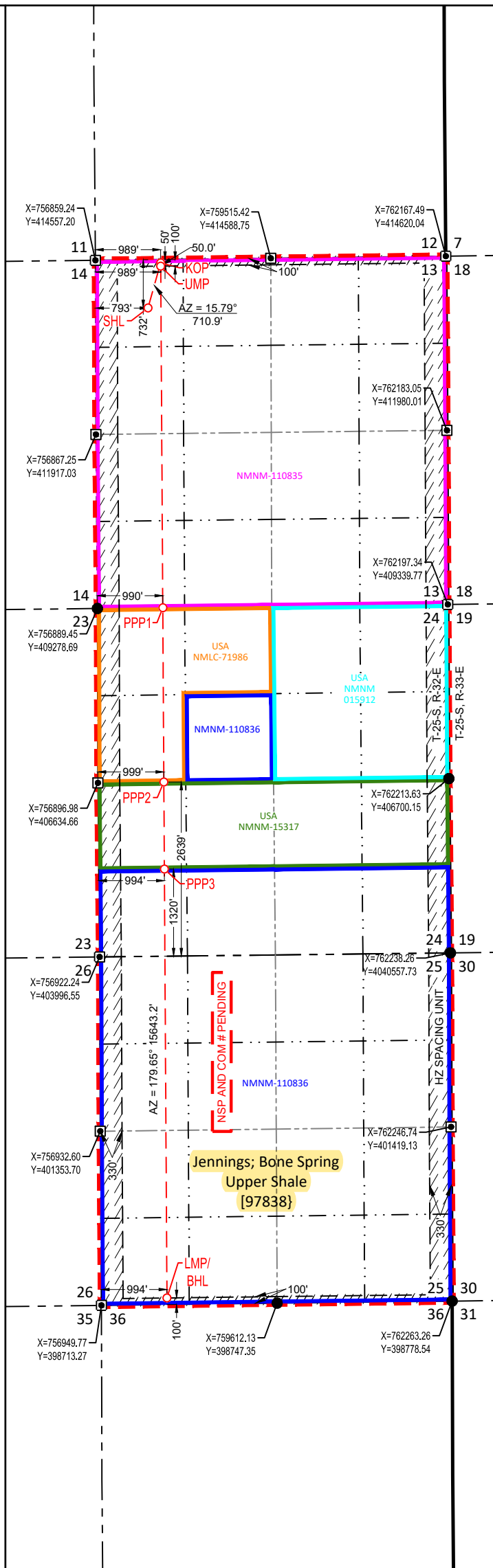
NEW MEXICO EAST
NAD 1983
X=757896 Y=406647
LAT.: N 32.1160197
LONG.: W 103.6338573
NAD 1927
X=716710 Y=406589
LAT.: N 32.1158951
LONG.: W 103.6338387
2639' FSL 999' FWL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=757904 Y=405327
LAT.: N 32.1123919
LONG.: W 103.6338592
NAD 1927
X=716718 Y=405269
LAT.: N 32.112673
LONG.: W 103.6333858
1320' FSL 994' FWL

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

NEW MEXICO EAST
NAD 1983
X=757943 Y=398826
LAT.: N 32.0945209
LONG.: W 103.6338685
NAD 1927
X=716757 Y=398768
LAT.: N 32.0943962
LONG.: W 103.6333962
100' FSL 994' FWL



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.

10/21/2024

Date of Survey
Signature and Seal of Professional Surveyor:

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 30-025-54337	Pool Code Section 25: 978338	Pool Name Section 25: JENNINGS; BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 301H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3494'
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
B	13	25-S	32-E	-	646' N	1328' E	N 32.1360639	W 103.6241813	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
P	25	25-S	32-E	-	100' S	480' E	N 32.0945808	W 103.6214689	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			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
A	13	25-S	32-E	-	177' N	480' E	N 32.1373650	W 103.6214407	LEA

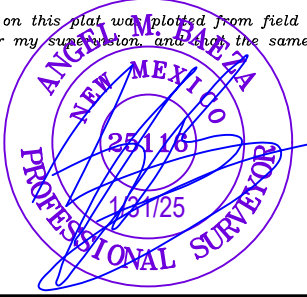
First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
A	13	25-S	32-E	-	177' N	480' E	N 32.1373650	W 103.6214407	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
P	25	25-S	32-E	-	100' S	480' E	N 32.0945808	W 103.6214689	LEA

Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3519'
--	--	--

OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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> 	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 12/16/2024
E-mail Address _____			

C-102

Submit Electronically
Via OCD PermittingState 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

MERCILESS 13 FED COM 301H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=760843 Y=413958
LAT.: N 32.1360639
LONG.: W 103.6241813
NAD 1927
X=719658 Y=413900
LAT.: N 32.1359395
LONG.: W 103.6237069
646' FNL 1328' FEL

KICK OFF POINT (KOP)
UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=761689 Y=414437
LAT.: N 32.1373650
LONG.: W 103.6214407
NAD 1927
X=720503 Y=414379
LAT.: N 32.1372406
LONG.: W 103.6209663
177' FNL 480' FEL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=761687 Y=409334
LAT.: N 32.1233375
LONG.: W 103.6215536
NAD 1927
X=720501 Y=409276
LAT.: N 32.1232130
LONG.: W 103.6210800
0' FNL 510' FEL

PROPOSED PERF. POINT (PPP2)

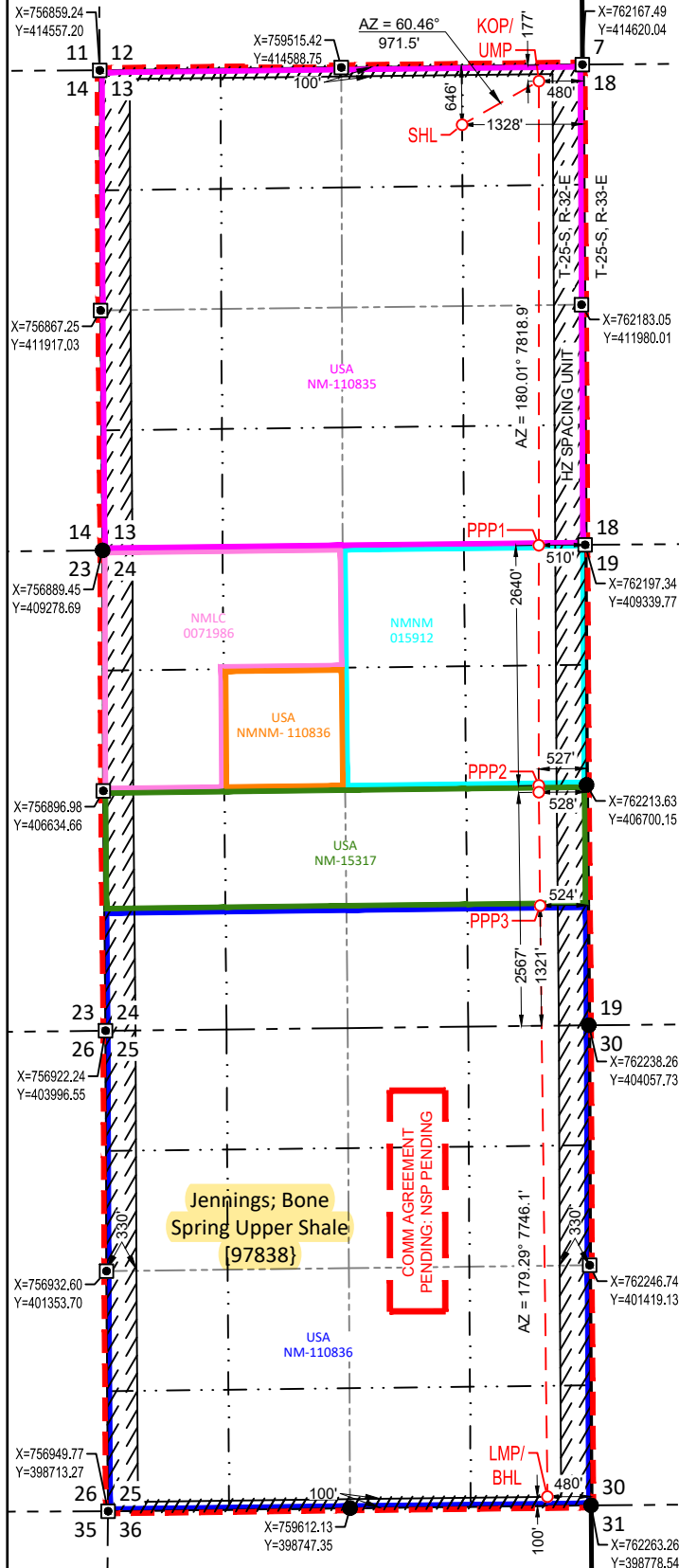
NEW MEXICO EAST
NAD 1983
X=761687 Y=406694
LAT.: N 32.1160798
LONG.: W 103.6216119
NAD 1927
X=720501 Y=406636
LAT.: N 32.1159552
LONG.: W 103.6211388
2640' FNL 527' FEL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=761702 Y=405373
LAT.: N 32.1124482
LONG.: W 103.6215903
NAD 1927
X=720516 Y=405315
LAT.: N 32.1123236
LONG.: W 103.6211174
1321' FSL 524' FEL

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

NEW MEXICO EAST
NAD 1983
X=761783 Y=398873
LAT.: N 32.0945808
LONG.: W 103.6214689
NAD 1927
X=720596 Y=398815
LAT.: N 32.0944560
LONG.: W 103.6209970
100' FSL 480' 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.
12/16/2024

Date of Survey
Signature and Seal of Professional Surveyor:



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 30-025-53440	Pool Code Section 25: 978338	Pool Name Section 25: JENNINGS; BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 302H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3495'
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
B	13	25-S	32-E	-	212' N	2021' E	N 32.1372475	W 103.6264191	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
O	25	25-S	32-E	-	100' S	1620' E	N 32.0945646	W 103.6251500	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers COMM AGREEMENT PENDING: NSP PENDING			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
B	13	25-S	32-E	-	51' N	1560' E	N 32.1376969	W 103.6249297	LEA

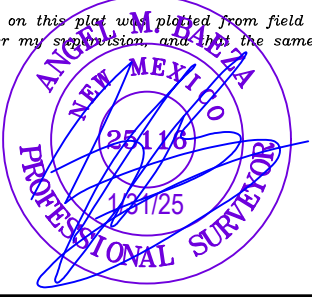
First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	13	25-S	32-E	-	100' N	1565' E	N 32.1375614	W 103.6249463	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
O	25	25-S	32-E	-	100' S	1620' E	N 32.0945646	W 103.6251500	LEA

Unitized Area or Area of Uniform Intrest COMM AGMT	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3520'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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> 	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 12/16/2024
E-mail Address _____			

C-102

Submit Electronically
Via OCD PermittingState 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

MERCILESS 13 FED COM 302H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=760148 Y=414384
LAT.: N 32.1372475
LONG.: W 103.6264191
NAD 1927
X=718962 Y=414326
LAT.: N 32.1371231
LONG.: W 103.6259446
212' FNL 2021' FEL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=760608 Y=414551
LAT.: N 32.1376969
LONG.: W 103.6249297
NAD 1927
X=719422 Y=414493
LAT.: N 32.1375724
LONG.: W 103.6244552
51' FNL 1560' FEL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=760603 Y=414502
LAT.: N 32.1375614
LONG.: W 103.6249463
NAD 1927
X=719417 Y=414444
LAT.: N 32.1374369
LONG.: W 103.6244718
100' FNL 1565' FEL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=760605 Y=409322
LAT.: N 32.1233237
LONG.: W 103.6250505
NAD 1927
X=719419 Y=409264
LAT.: N 32.1231992
LONG.: W 103.6245768
0' FNL 1593' FEL

PROPOSED PERF. POINT (PPP2)

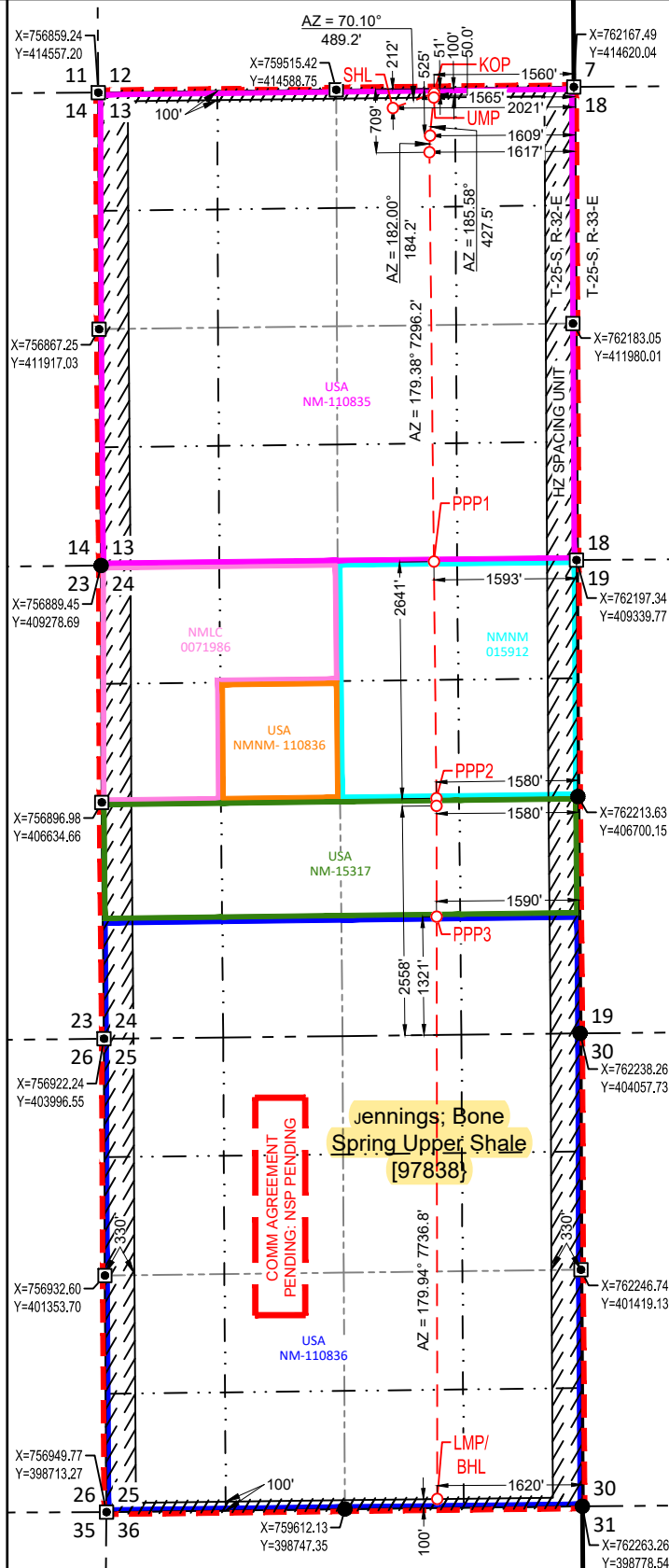
NEW MEXICO EAST
NAD 1983
X=760634 Y=406681
LAT.: N 32.1160632
LONG.: W 103.6250136
NAD 1927
X=719448 Y=406623
LAT.: N 32.1159386
LONG.: W 103.6245403
2641' FNL 1580' FEL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=760636 Y=405360
LAT.: N 32.1124320
LONG.: W 103.6250344
NAD 1927
X=719450 Y=405302
LAT.: N 32.1123074
LONG.: W 103.6245613
1321' FSL 1590' FEL

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

NEW MEXICO EAST
NAD 1983
X=760643 Y=398859
LAT.: N 32.0945646
LONG.: W 103.6251500
NAD 1927
X=719456 Y=398802
LAT.: N 32.0944398
LONG.: W 103.6246780
100' FSL 1620' 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.
12/16/2024

Date of Survey
Signature and Seal of Professional Surveyor:



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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 303H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3489'
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
C	13	25-S	32-E	-	786' N	2029' W	N 32.1356496	W 103.6304930	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
N	25	25-S	32-E	-	100' S	2554' W	N 32.0945479	W 103.6288311	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
C	13	25-S	32-E	-	50' N	2549' W	N 32.1376816	W 103.6288061	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
C	13	25-S	32-E	-	100' N	2549' W	N 32.1375441	W 103.6288062	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
N	25	25-S	32-E	-	100' S	2554' W	N 32.0945479	W 103.6288311	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3514'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
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 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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 304H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	754' N	1012' W	N 32.1357228	W 103.6337782	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
N	25	25-S	32-E	-	100' S	1514' W	N 32.0945299	W 103.6321893	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
C	13	25-S	32-E	-	50' N	1509' W	N 32.1376663	W 103.6321660	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
C	13	25-S	32-E	-	100' N	1509' W	N 32.1375288	W 103.6321660	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
N	25	25-S	32-E	-	100' S	1514' W	N 32.0945299	W 103.6321893	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
---	--	---------------------------------

OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
E-mail Address _____			

**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

[illegible]

MERCILESS 13 FED COM 304H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=757874 Y=413815
LAT.: N 32.1357228
LONG.: W 103.6337782
NAD 1927
X=716688 Y=413757
LAT.: N 32.1355984
LONG.: W 103.6333036
754' FNL 1012' FWL

KICK OFF POINT (KOP)

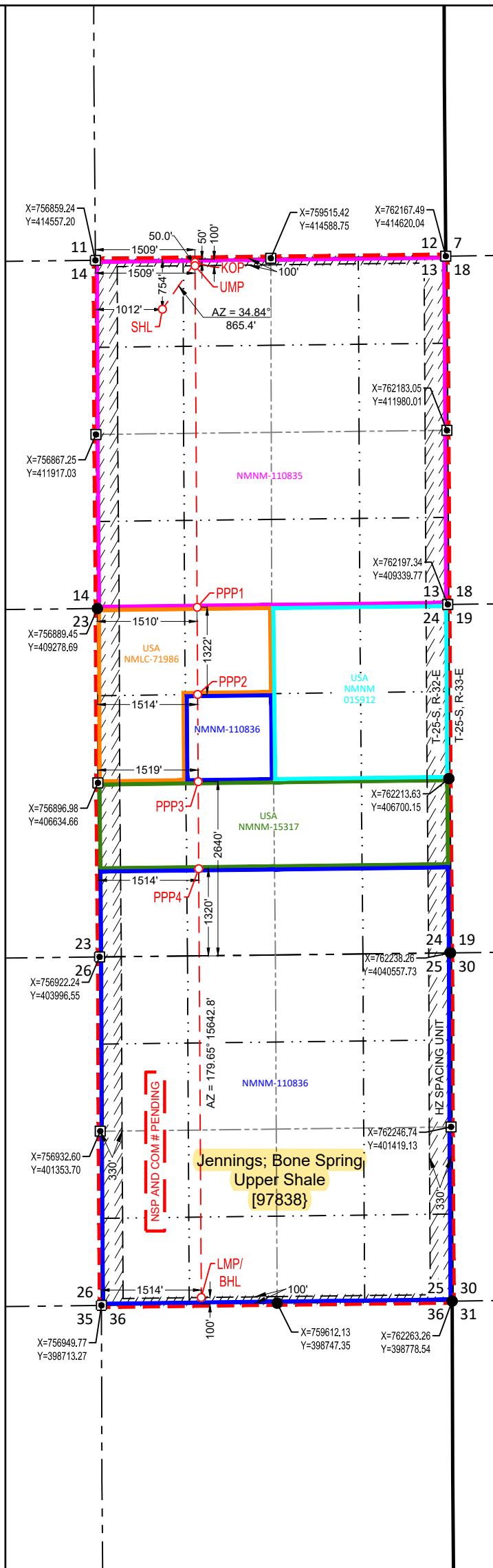
NEW MEXICO EAST
NAD 1983
X=758368 Y=414525
LAT.: N 32.1376663
LONG.: W 103.6321660
NAD 1927
X=717182 Y=414467
LAT.: N 32.1375419
LONG.: W 103.6316912
50' FNL 1509' FWL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=758368 Y=414475
LAT.: N 32.1375288
LONG.: W 103.6321660
NAD 1927
X=717183 Y=414417
LAT.: N 32.1374044
LONG.: W 103.6316913
100' ENL 1509' FWL

PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=758400 Y=409296
LAT.: N 32.1232936
LONG.: W 103.6321738
NAD 1927
X=717214 Y=409239
LAT.: N 32.1231690
LONG.: W 103.6316999
0' FNL 1510' FWL

**PROPOSED PERF. POINT (PPP2)**

NEW MEXICO EAST
NAD 1983
X=758408 Y=407975
LAT.: N 32.1196608
LONG.: W 103.6321758
NAD 1927
X=717222 Y=407917
LAT.: N 32.1195362
LONG.: W 103.6317021
1322' FNL 1514' FWL

PROPOSED PERF. POINT (PPP3)

NEW MEXICO EAST
NAD 1983
X=758416 Y=406653
LAT.: N 32.1160280
LONG.: W 103.6321778
NAD 1927
X=717230 Y=406595
LAT.: N 32.1159034
LONG.: W 103.6317043
2640' FSL 1519' FWL

PROPOSED PERF. POINT (PPP4)

NEW MEXICO EAST
NAD 1983
X=758424 Y=405333
LAT.: N 32.1123993
LONG.: W 103.6321797
NAD 1927
X=717238 Y=405275
LAT.: N 32.1122747
LONG.: W 103.6317064
1320' FSL 1514' FWL

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

NEW MEXICO EAST
NAD 1983
X=758463 Y=398833
LAT.: N 32.0945299
LONG.: W 103.6321893
NAD 1927
X=717277 Y=398775
LAT.: N 32.0344052
LONG.: W 103.6317171
100' FSL 1514' FWL

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.

10/21/2024

Date of Survey
Signature and Seal of Professional Surveyor:

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 SECTION 25: 97838	Pool Name SECTION 25: JENNINGS: BONE SPRING UPPER SHALE
Property Code	Property Name MERCILESS 13 FED COM	Well Number 305H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Ground Level Elevation 3477'
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
D	13	25-S	32-E	-	731' N	754' W	N 32.1357824	W 103.6346145	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
M	25	25-S	32-E	-	100' S	330' W	N 32.0945094	W 103.6360120	LEA

Dedicated Acres 640.00	Infill or Defining Well INFILL	Defining Well API PENDING	Overlapping Spacing Unit (Y/N) Y	Consolidated Code C
Order Numbers NSP AND COM # PENDING			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
D	13	25-S	32-E	-	50' N	330' W	N 32.1376488	W 103.6359738	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
D	13	25-S	32-E	-	100' N	330' W	N 32.1375114	W 103.6359744	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
M	25	25-S	32-E	-	100' S	330' W	N 32.0945094	W 103.6360120	LEA

Unitized Area or Area of Uniform Intrest UNITIZED AREA NSP	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3502'
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OPERATOR CERTIFICATION <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> <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>		SURVEYORS CERTIFICATION <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>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 10/21/2024
E-mail Address _____			

Proposed Non-Standard Horizontal Spacing Unit
Merciless 13 Fed Com: Sections 13, 24, and 35, T25S-R32E
Notice Tracts: Upper Bone Spring

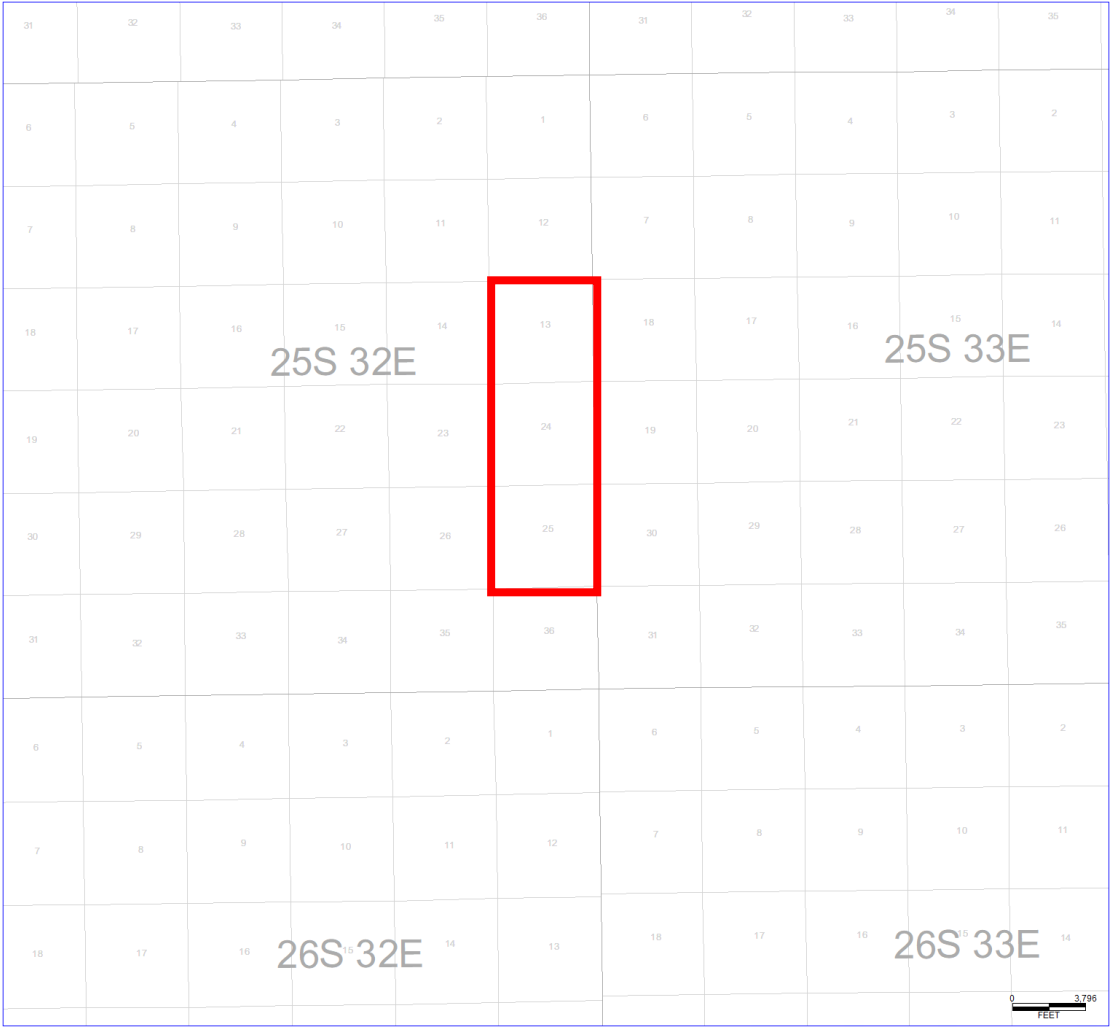
EXHIBIT

C



Merciless NSSU Geology

EXHIBIT
E

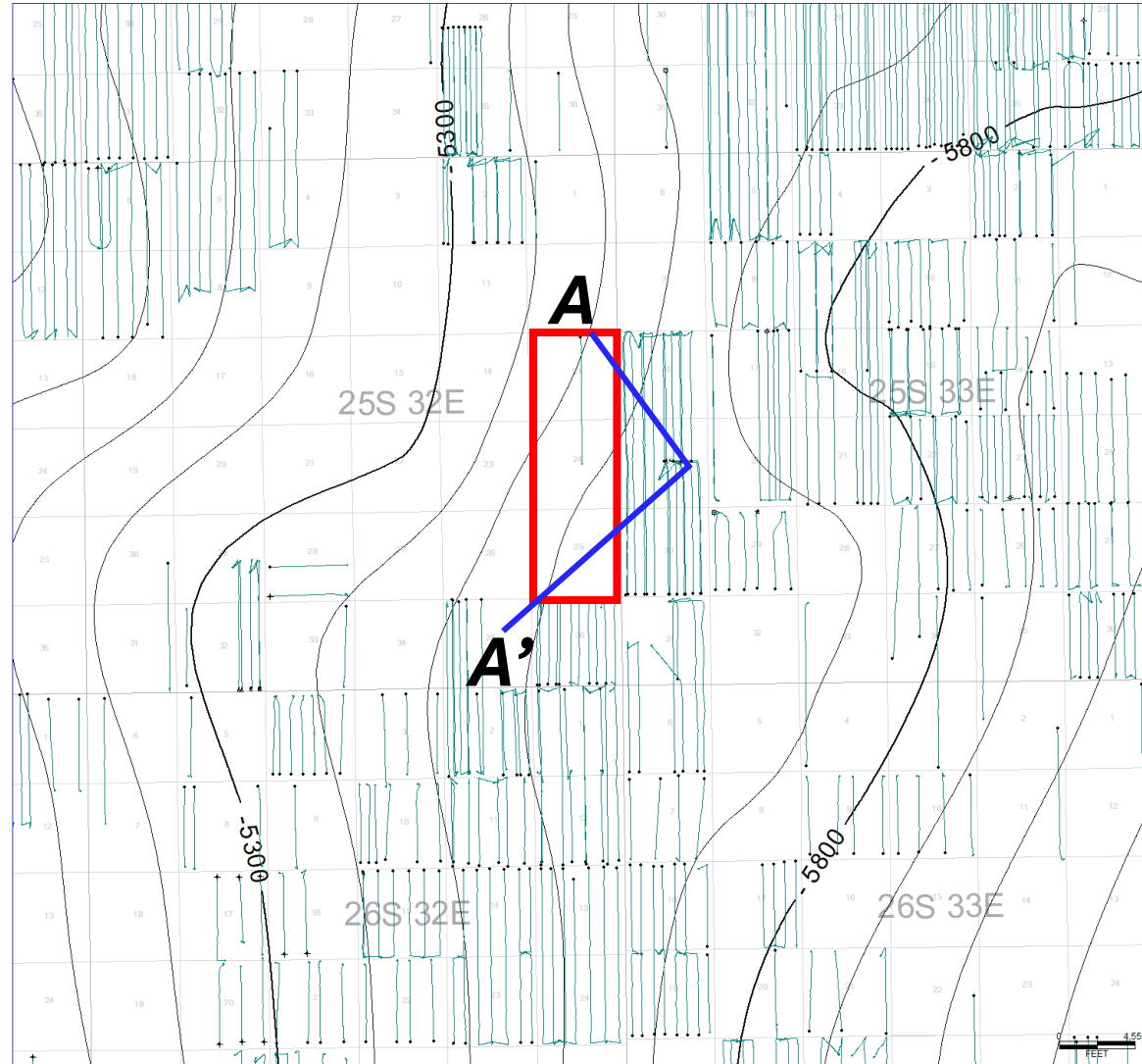


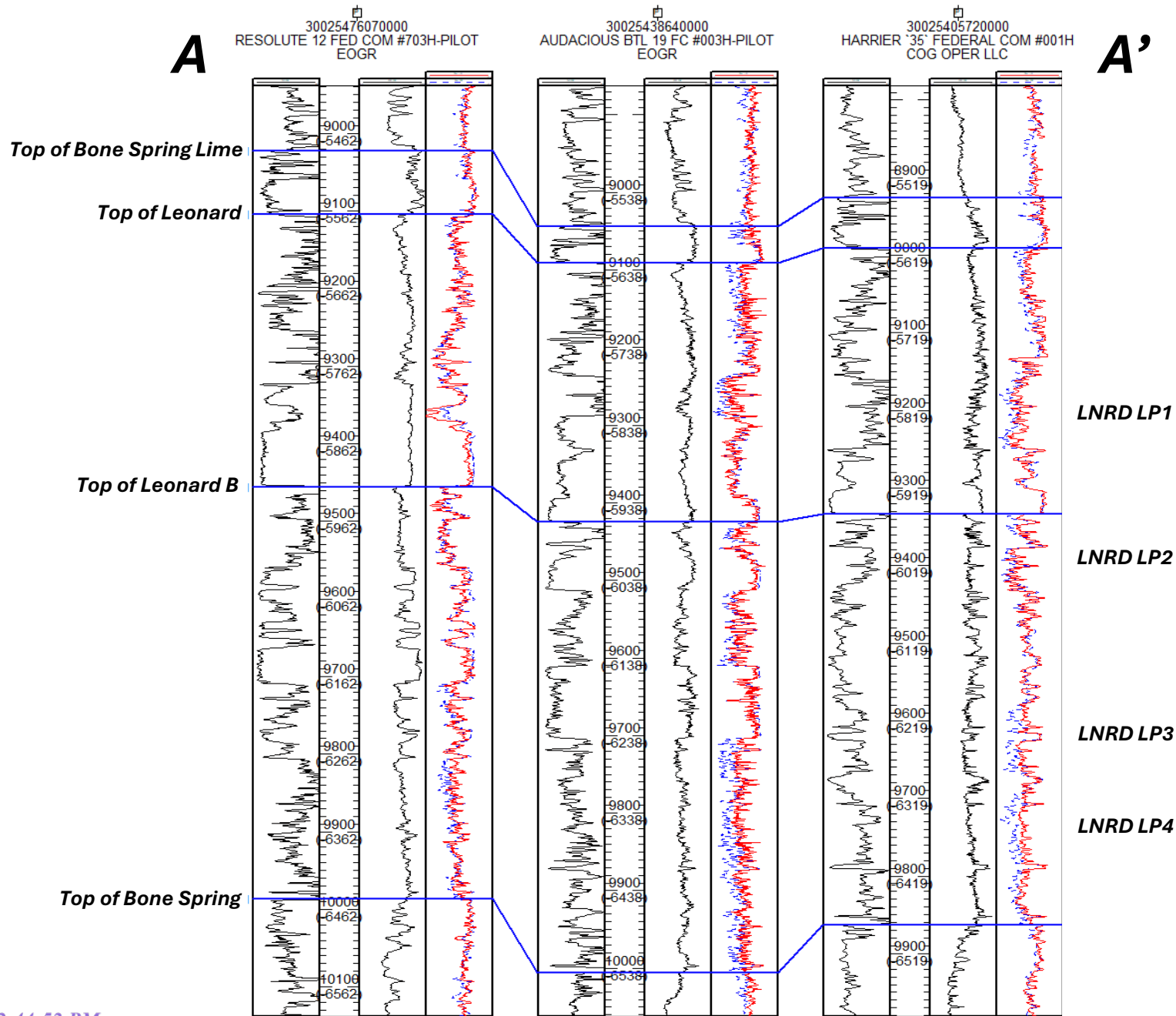
Leonard Structure Map

Contour Interval: 100'

SSTVD

All Leonard Wells



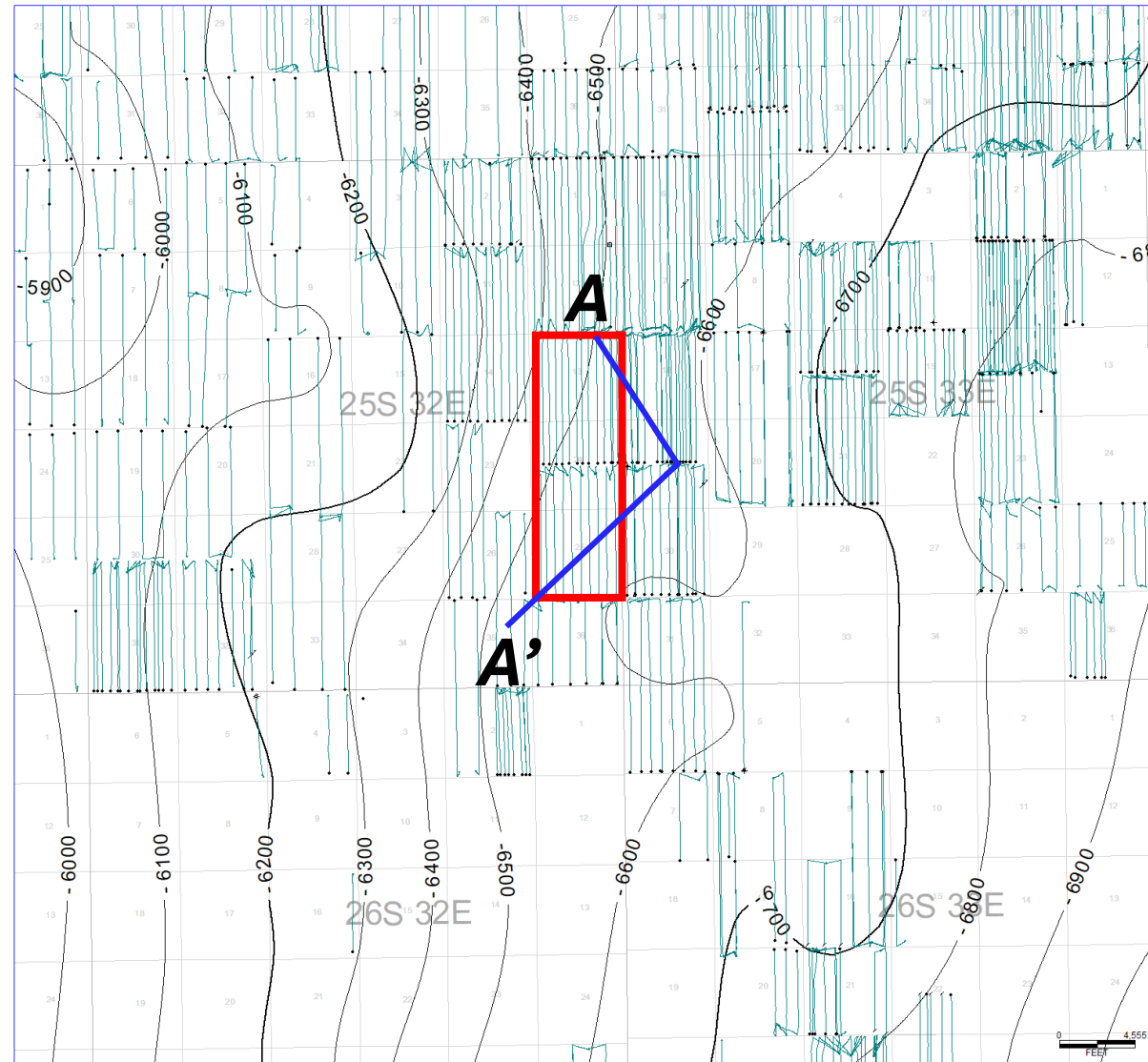


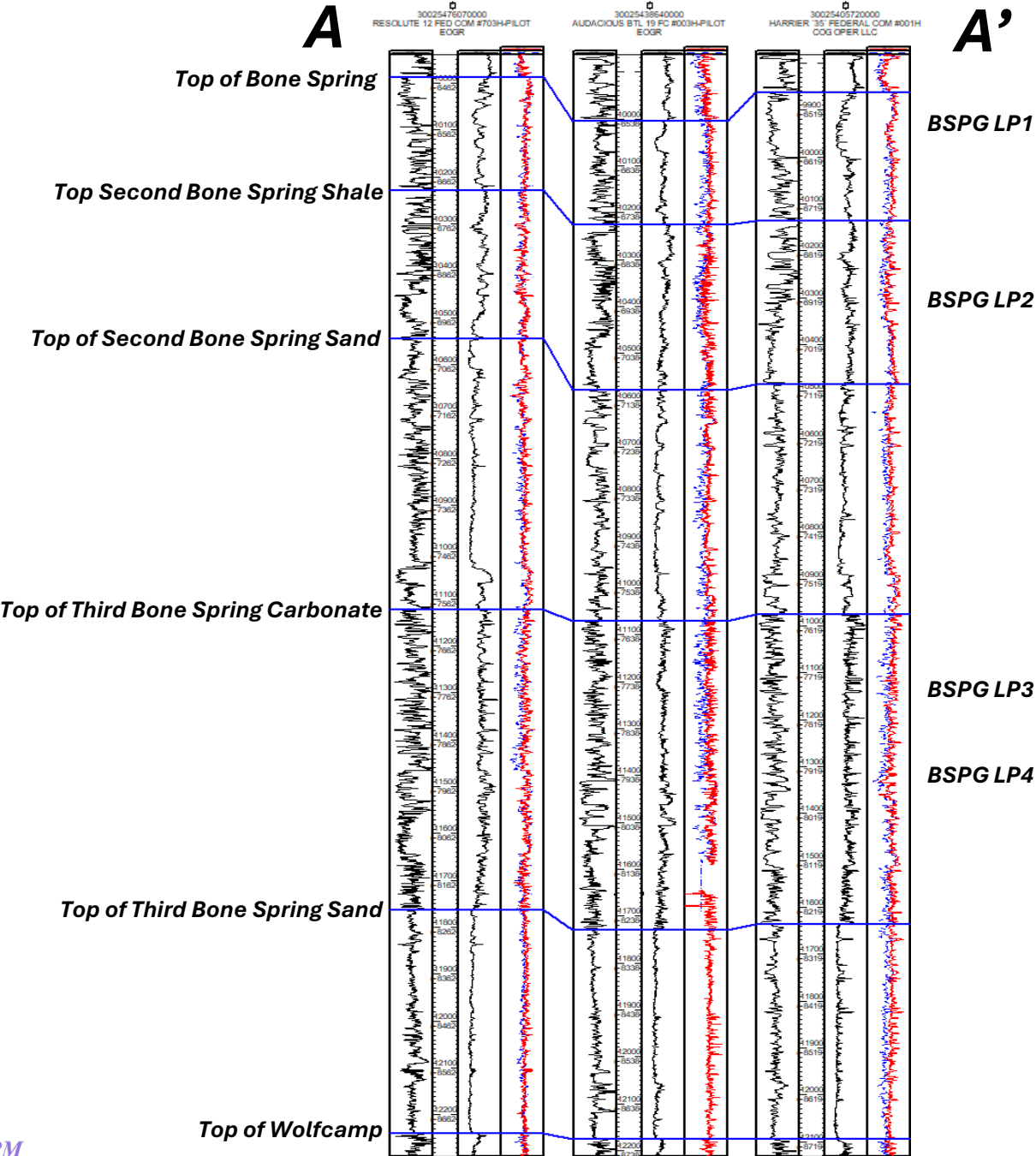
Bone Spring Structure Map

Contour Interval: 100'

SSTVD

All Bone Spring Wells





New Mexico Oil Conservation Division
Bureau of Land Management
Bureau of Land Management
New Mexico State Land Office
EOG Resources
Heritage Oil and Gas LLC
XTO Holdings, LLC
McClellan Oil Corporation
Sharbro Energy, LLC
Magnum Hunter Production Inc.
Toles Company
OXY Y-1
Kaiser Francis Oil Co. - Operator
XTO Holdings, LLC
Chevron USA Inc.

Attn: Mr. Jonathon Shepard, 1220 South St. Francis Drive
620E. Green Street
301 Dinosaur Trail
Attn: Scott Dawson, 310 Old Santa Fe Trail
5509 Champions Dr
PO Box 100
22777 Springwoods Village Pkwy
PO Box 730
PO Box 840
C/O Cimarex Energy Co., 202 South Cheyenne Avenue
PO Box 1300
5 Greenway Plaza
PO Box 21468
22777 Springwoods Village Pkwy
6301 Deauville

Santa Fe	NM	87505
Carlsbad	NM	88220
Santa Fe	NM	87508
Santa Fe	NM	87501
Midland	TX	79706
Artesia	NM	88211
Spring	TX	77389
Roswell	NM	88202-0730
Artesia	NM	88211-0840
Tulsa	OK	74103
Roswell	NM	88202-1300
Houston	TX	77046
Tulsa	OK	74121
Spring	TX	77389
Midland	TX	79706-2964

EXHIBIT
F



Paula M. Vance
Associate
Phone (505) 954-7286
PMVance@hollandhart.com

April 15, 2025

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PERSONS

Re: Application of EOG Resources, Inc. for administrative approval of a 1,920-acre non-standard horizontal spacing unit, a portion of which is in the Jennings; Bone Spring Upper Shale [97838] (Section 25), and comprised of All of Sections 13, 24 and 25, Township 25 South, Range 32 East, NMPM, Lea County, New Mexico.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from the date this application is received by the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

Katie McBryde Jirasek
EOG Resources, Inc.
(432) 848-9022
katie_jirasek@eogresources.com

Sincerely,

A handwritten signature in blue ink, appearing to read "Paula M. Vance".

Paula M. Vance
ATTORNEY FOR
EOG RESOURCES, INC.

EOG - Merciless NSP
Postal Delivery Report

9402811898765442681427	Chevron USA Inc.	6301 DEAUVILLE	MIDLAND	TX	79706-2964	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681458	XTO Holdings, LLC	22777 SPRINGWOODS VILLAGE PKWY	SPRING	TX	77389-1425	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681076	Kaiser Francis Oil Co. - Operator	PO BOX 21468	TULSA	OK	74121-1468	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681045	OXY Y-1	5 GREENWAY PLZ	HOUSTON	TX	77046-0526	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681007	Toles Company	PO BOX 1300	ROSWELL	NM	88202-1300	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681069	MAGNUM HUNTER PRODUCTION INC. C/O CIMAREX ENERGY CO	202 S CHEYENNE AVE	TULSA	OK	74103-3000	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681014	Sharbro Energy, LLC	PO BOX 840	ARTESIA	NM	88211-0840	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.

EOG - Merciless NSP
Postal Delivery Report

9402811898765442681335	McClellan Oil Corporation	PO BOX 730	ROSWELL	NM	88202-0730	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681342	XTO Holdings, LLC	22777 SPRINGWOODS VILLAGE PKWY	SPRING	TX	77389-1425	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681366	Heritage Oil and Gas LLC	PO BOX 100	ARTESIA	NM	88211-0100	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681137	EOG Resources	5509 CHAMPIONS DR	MIDLAND	TX	79706-2843	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681144	NEW MEXICO STATE LAND OFFICE ATTN SCOTT DAWSON	310 OLD SANTA FE TRL	SANTA FE	NM	87501-2708	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681106	Bureau of Land Management	301 DINOSAUR TRL	SANTA FE	NM	87508-1560	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765442681168	Bureau of Land Management	620 E GREENE ST	CARLSBAD	NM	88220-6292	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.

EOG - Merciless NSP
Postal Delivery Report

9402811898765442681632	NEW MEXICO OIL CONSERVATION DIVISION ATTN MR. JONATHON SHEPARD	1220 S ST FRANCIS DR	SANTA FE	NM	87505-4225	Your shipment was received at 3:19 pm on April 15, 2025 in DENVER, CO 80217. The acceptance of your package is pending.
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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 452486

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452486
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	If this NSP order was approved with pending API wells. The owner of the NSP shall update the OCD when API number(s) are assigned to those pending APD well(s) by sending an e-mail to ocd.engineer@emnrd.nm.gov . TITLED: (Updating NSP-XXX with API number(s))	7/8/2025