# 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 - 2276

# 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 15<sup>th</sup>, 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 Wildcat; Upper Bone Spring Pool (code: 97784), only.

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

#### **NSP Horizontal Spacing Unit:**

<b>Description</b>	Acres	Pool	Pool Code
Section 13	1280	Wildcat; Upper Bone Spring	97784
Section 24			

NSP - 2276 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; Bone Spring Upper 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 **Wildcat; Upper Bone Spring (Pool Code 97784)** 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 <u>horizontal spacing unit</u> and <u>pool/formation</u>. 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 - 2276 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.

Date: <u>7/3/2025</u>

Albert Chang Albert C.S. Chang, PE

**Division Director** 

AC/lrl

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ID NO. 452485	INA	SP - 22/0	
RECEIVED: 04/15/25	REVIEWER:	TYPE:	APP NO:

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

### **NEW MEXICO OIL CONSERVATION DIVISION**

- Geological & Engineering Bureau -



1220 South St. Francis Drive	
ADMINISTRATIVE APPI	IICATION CHECKLIST
	E APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
Applicant: EOG Resources, Inc.	OGRID Number: 7377
Well Name: Merciless wells	<b>API</b> : 30-025-various
Pool: WC-025 G-06 S253201M; Upper Bone Spring	Pool Code: 97784
SUBMIT ACCURATE AND COMPLETE INFORMATION INDICATE	
1) TYPE OF APPLICATION: Check those which apply A. Location – Spacing Unit – Simultaneous Dec  INSL  NSP(PROJECT AREA)	
B. Check one only for [1] or [1]  [1] Commingling – Storage – Measurement  DHC DTB PLC PC  [11] Injection – Disposal – Pressure Increase  WFX PMX SWD IPI  2) NOTIFICATION REQUIRED TO: Check those which  A. Offset operators or lease holders  B. Royalty, overriding royalty owners, revered.  C. Application requires published notice  D. Notification and/or concurrent approvate.  Notification and/or concurrent approvate.  Surface owner  G. For all of the above, proof of notification H. No notice required  3) CERTIFICATION: I hereby certify that the information administrative approval is accurate and complete.	OLS OLM - Enhanced Oil Recovery
understand that <b>no action</b> will be taken on this a notifications are submitted to the Division.	• •
Note: Statement must be completed by an individual	dual with managerial and/or supervisory capacity.
	April 15, 2025
Paula M. Vance	Date
Print or Type Name	505-988-4421
Pakher	Phone Number
	pmvance@hollandhart.com
Signature	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 WC-025 G-06 S253201M; Upper Bone Spring [97784] (Sections 13 and 24), 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)

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 Montana Nevada New Mexico Utah Washington, D.C. Wyoming

- Merciless 13 Fed Com #303H (Upper BS) (API No. 30-025-PENDING)
- 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 WC-025 G-06 S253201M; Upper Bone Spring [97784] — Sections 13 and 24, Township 25 South, Range 32 East. 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 WC-025 G-06 S253201M; Upper Bone Spring [97784] 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 WC-025 G-06 S253201M; Upper Bone Spring [97784].

**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" 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

<sup>&</sup>lt;sup>1</sup> 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.

<sup>&</sup>lt;sup>2</sup> 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).

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.

Your attention to this matter is appreciated.

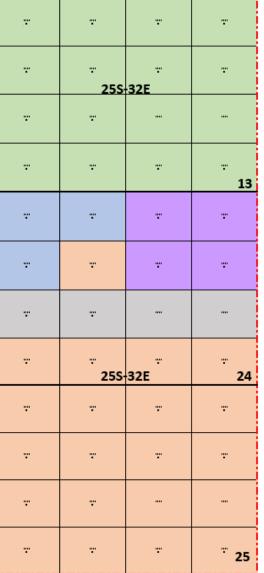
Sincerely,

Paula M. Vance

ATTORNEY FOR

EOG RESOURCES, INC.

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



Ľ	25S, R32E, Sections 13, 24, and 25
_	0331895-000
	NMNM-110835
•	640 Gross Acres: Fed
П	0282077-000
Ш	USA NMLC - 0071986
_	120 Gross Acres: Fed
	0331896-000
	NMNM-110836
	840 Gross Acres: Fed
	0282078/000
	USA NMNM-015912
	160 Gross Acres: Fed
П	0331591-000
	USA NMNM-015317
	160 Gross Acres: Fed
[]	Proposed Spacing Unit
ίi	(NSSU)
	1920 acres total

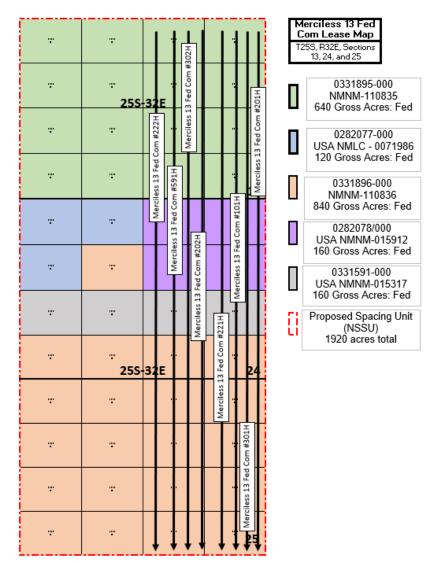
EXHIBIT **A**  Received by OCD: 4/15/2025 5:18:11 PM

Page 9 of 57

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

Well Name	<u>API #</u>	<u>Formation</u>	<u>Target</u>	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]



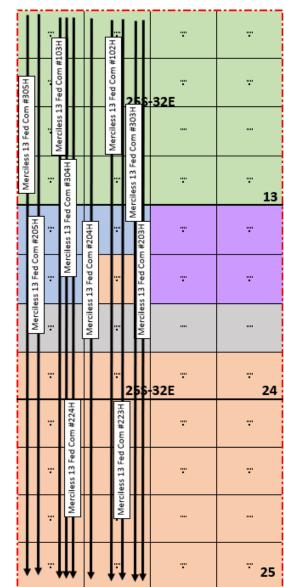
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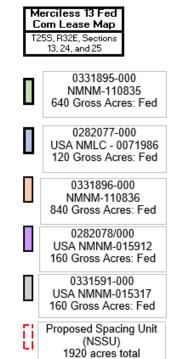
Page 10 of 57

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

Well Name	<u>API #</u>	<b>Formation</b>	<u>Target</u>	Spud Date
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

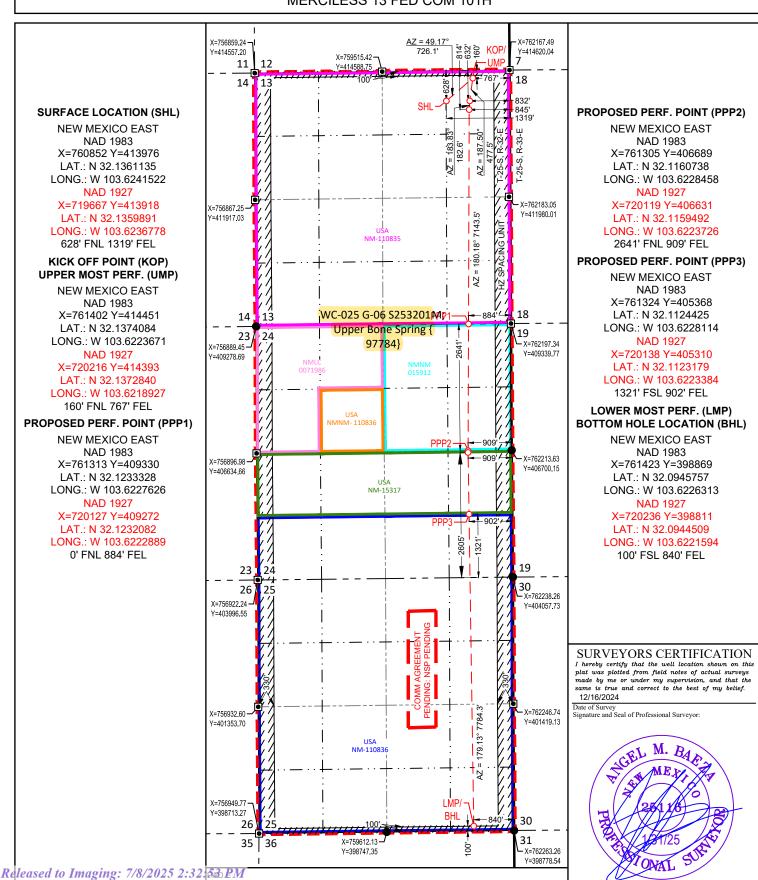
Pool Code: Upper Bone Spring	
Sections 13 and 24:	WC-025 G-06 S253201M; UPPER BONE SPR [97784]
Section 25:	JENNINGS; BONE SPRING UPPER SHALE [97838]





C-102	Energy, Minerals & Natura						Departme	ent (	EXH <b>E</b>		Revise	ed July 9, 2024
Via OCD Permitt			OIL CONSERVATION DIVISION					ıbmittal /pe:	Initial Sub	Report		
		V	VELL LC	CATIO	N AND AC	REAGE DE	EDICATI	ON PI	AT			
API Number 30-025-5	4336	·	Pool Code Section	ons 13 and 24:	Pool N	ame	13 and 24: WO					E SPR
Property Code OGRID No.			Property Name Operator Name	1	MERCILESS	3 13 FED CO	M			Well Numb		101H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	<b>)</b> .			Ground Lev		3494'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee T	ribal <b>X</b> Fede	eral			
					Surface	Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu	ıde		Longitude		County
Α	13	25-S	32-E	-	628' N	1319' E	N 32.13	61135	W 1	03.62415	22	LEA
TH 1.	G .:	T 1:		T		le Location	T. die	1		T 2 1		
UL or lot no.	Section 25	Township 25-S	Range 32-E	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu N 32.09		W 1	Longitude 03.62263	13	County <b>LEA</b>
Г	25	20-0	32-L	_	100 3	040 L	14 32.09	43737		03.02203	13	LLA
Dedicated Acres	Infill or Defi	ining Well Defin	ing Well API			Overlapping Spacing	Unit (Y/N)		Consolidat	ed Code		
1280.00	INFI	LL PE	NDING				Υ			(		
Order Numbers	COMM A	GREEMEN	NT PENDI	NG: NSP	PENDING	Well Setbacks are un	nder Common Ow	nership:	Yes No	o		
					Kick Off P	oint (KOP)						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitu	ıde		Longitude		County
Α	13	25-S	32-E	-	160' N	767' E	N 32.13	2.1374084 W 103.6223671		LEA		
					First Take	Point (FTP)						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitu	ıde		Longitude		County
Α	13	25-S	32-E	-	160' N	767' E	N 32.13	74084	W 1	03.62236	71	LEA
					Last Take 1	Point (LTP)						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	<u> </u>	Latitu	ıde		Longitude		County
Р	25	25-S	32-E	-	100' S	840' E	N 32.09	45757	W 1	03.62263	13	LEA
Unitized Area or A	rea of Uniform I			Spacing Unity	Type Horizonta	al Vertical	Gr	ound Floor I	Elevation	3519	)'	
best of my kin that this orga in the land in well at this ld or unleased m pooling order  If this well is received The cunleased mine any part of the pooling order	fy that the ir owledge and nization eithe calding the cation pursu ineral intereshereto fore ent a horizontal onsent of at the call interest in well's com	nformation con belief; and, if er owns a wor proposed bottor ant to a contr st, or to a vol- ered by the di well, I furthe least one lesse in each tract ( pleted interval	the well is a king interest n hole location act with an ountary pooling vision.  For certify that for owner of in the target will be located.	vertical or dor unleased no unleased no or has a rigumer of a wor agreement or this organize a working ir pool or forma	r a compulsory ution has	SURVEYOR  I hereby certify notes of actual is true and cor	that the well surveys made rect to the bes	location s by me or t of my b	hown on under my elief.	251 251 10NA	25	a from field that the same
Signature			Date			Signature and Seal of	of Professional Su	rveyor	Date	e		
Print Name						Certificate Number		Date of Surve	ey 16/2024			
E-mail Address								12/	. 5, 2024			

C-102 Submit Electronically	State of New Mexico Energy, Minerals & Natural Resources Department	Revised July 9, 2024		
Via OCD Permitting	OIL CONSERVATION DIVISION		Initial Submittal	
		Submittal Type:	X Amended Report	
		71	As Drilled	
Property Name and Well Number	MERCILESS 13 FED COM 101H			



<u>C-102</u>			Energy		State of New ls & Natura	v Mexico 1 Resources	Department		Revise	ed July 9, 2024
Submit Electronic Via OCD Permitt			~			ION DIVIS			X Initial Submittal	
								Submittal Type:	Amended Report	
								Type.	As Drilled	
		W	ELL LO	CATIO	N AND AC	REAGE DE	DICATION	PLAT	•	
API Number 30-025-			Pool Code	tions 13 and 2	Pool N	ame			3201M: UPPER B	ONE SPRING
Property Code		·	Property Name		MERCILESS	3 13 FED CO	М		Well Number	102H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	i.		Ground Level Elev	ation 3477'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal 🕽	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 32.13594	50   W 1	03.6341836	LEA
	<u> </u>	<u> </u>	<u> </u>	1	Bottom Ho	le Location		l		
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 32.09453	79 W 1	03.6307040	LEA
									•	
Dedicated Acres	Infill or Def	ining Well Defin	ing Well API			Overlapping Spacing	Unit (Y/N)	Consolida	ted Code	
1280.00	INF	LL PE	NDING				Υ		С	
Order Numbers		NSP AND	COM # F	ENDING		Well Setbacks are un	der Common Ownership	o: Yes N	o	
					Kick Off P	oint (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitude		Longitude	County
С	13	25-S	32-E	-	50' N	1969' W	N 32.13767	31   W 1	03.6306799	LEA
		•	•	•	First Talza	Point (FTP)		•		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	1	Longitude	County
С	13	25-S	32-E	_	100' N	<sub>1969' W</sub>	N 32.13753	56 W 1	03.6306800	LEA
			1	ļ				1		
IIIl-t	G 4:	T	D	I -4 I.I.		Point (LTP)  Feet from the E/W	T -4:4 J-		T it d -	Country
UL or lot no.	Section 25	Township 25-S	Range 32-E	Lot Idn -	Feet from the N/S 100' S	1974' W	Latitude N 32.09453	79 W 1	Longitude 03.6307040	County
	277.12			12			1			
Unitized Area or A		Intrest AREA NSF	•	Spacing Unity	Type Horizont	al Vertical	Ground I	Floor Elevation	3502'	
				1						
I hereby certi- best of my kr that this orga- in the land in well at this lo or unleased m pooling order If this well ir received The c- unleased mine	fy that the involved and nization eith natuding the ocation pursu tineral interectofore ento a horizontal onsent of at the real interest the well's com	belief; and, if er owns a wor proposed bottor ant to a contrest, or to a volitered by the di well, I furthe least one lesse in each tract (pleted interval	the well is a king interest on hole location oct with an ountary pooling vision.  r certify that e or owner of in the target	vertical or of or unleased ring or has a ring or has a working it a working it pool or formation or or this organization or formation or formation or or formation or or formation or forma		I hereby certify notes of actual		ion shown on ne or under m	this plat was plotte y supervision, and t	
Signature			Date			Signature and Seal of	of Professional Surveyor	Dat	e	
Print Name						Certificate Number	Date of	Survey 10/21/2024		
E-mail Address							1	•		

C-102 Submit Electronically Via OCD Permitting		State of New Mexico  Minerals & Natural Resources Department  CONSERVATION DIVISION	Revised July 9, 202  Submittal Type:  Amended Report
perty Name and Well Number			As Drilled
		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	X=756889.24 Y=414557.20 11 14 X=756867.25 Y=411917.03 X=756889.45 Y=409278.69 X=756892.24 Y=40634.66 X=756922.24 Y=403996.55 X=756932.60 Y=401353.70	1969 50.0	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' FSL 1974' FWL

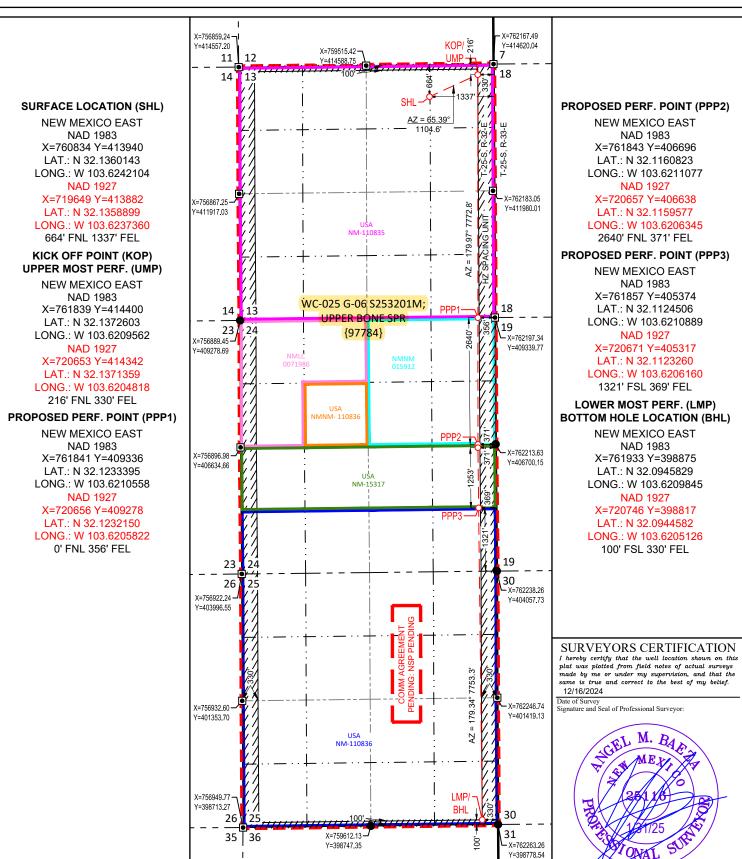
C-102 Submit Electroni	cally		Energy			ew Mexico	Department		Revise	ed July 9, 2024
Via OCD Permit			(	OIL CON	NSERVA	TION DIVIS	SION		X Initial Submittal	
								Submittal Type:	Amended Report	
								71	As Drilled	
		W		CATIO		CREAGE DI	EDICATION	PLAT		
API Number 30-025-				ons 13 and 24		Sections 13 a	and 24: WC-025 (	G-06 S25320 <sup>-</sup>	1M: UPPER BONE	E SPRING
Property Code			Property Name		MERCILES	SS 13 FED CO	PΜ			103H
OGRID No.	7377		Operator Name		EOG RES	OURCES, INC	).		Ground Level Elev	8477'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	Federal		
					Surfac	e 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 32.13594	56 W 1	03.6342902	LEA
						Iole Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
M	25	25-S	32-E	-	100' S	834' W	N 32.09451	81   W 1	03.6343851	LEA
Dedicated Asses	Inch Dec	:.: w.ulp.s.	: W-11 A DI			Oii Ci	- Hait (WAD	C1:4	-1 C-1-	
Dedicated Acres  1280.00	Infill or Def	ining Well Defin	NDING			Overlapping Spacing	Y Unit (Y/N)	Consolida	c Code	
Order Numbers	•	NSP AND	COM # P	ENDING		Well Setbacks are ur	nder Common Ownershi	p: Yes N	o	
					Kick Off	Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
D	13	25-S	32-E	-	50' N	829' W	N 32.13765	62 W 1	03.6343628	LEA
	-	-			First Tak	e Point (FTP)		-		
UL or lot no.	Section	Township	Range	Lot Idn		'S Feet from the E/W	Latitude		Longitude	County
D	13	25-S	32-E	-	100' N	829' W	N 32.13751	88 W 1	03.6343629	LEA
			!	ļ.	Last Take	e Point (LTP)		'		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
M	25	25-S	32-E	-	100' S	834' W	N 32.09451	81 W 1	03.6343851	LEA
Unitized Area or A	rea of Uniform I	ntrest		Spacing Unity	Type		Ground	Floor Elevation		
		AREA NSF			Horizo	ontal Vertical			3502'	
I hereby certi- best of my kr that this orga- in the land i- well at this l- or unleased n pooling order If this well i- received The c- unleased min-	fy that the in wowledge and nization eith necluding the ocation pursu vineral interectofore ent is a horizontal consent of at eral interest the well's communications and the communication of the well's communication of the well's communication of a the well's communication or a the communication of a the well's communication or a the communication of a the com	FICATION  Iformation con belief; and, if er owns a wor, proposed botton ant to a contro st, or to a volu- ered by the di  well, I furthe least one lesse- in each tract ( pleted interval ision.	the well is a king interest on hole location of the location o	vertical or cor unleased no or has a riverse of a wo agreement of this organiza a working in pool or forma	lirectional well nineral interes ght to drill thi rking interest r a compulsory ation has nterest or tion) in which	I hereby certify notes of actual is true and cor		tion shown on ne or under m	this plat was plotte y supervision, and i	
Signature			Date			Signature and Seal	of Professional Surveyo	r Dat	e	
Print Name						Certificate Number	Date o	f Survey 10/21/2024		
E-mail Address						-		1012 112024		

C-102	Energy, I	State Minerals &	of New Natural F		Departmer	nt		Revised July 9, 202
ibmit Electronically ia OCD Permitting		L CONSE						X Initial Submittal
							Submittal Type:	Amended Report
							J.1	As Drilled
perty Name and Well Number		MERCIL	ESS 13 F	ED COM	103H			
SURFACE LOCATION (SHL)							PRO	POSED PERF. POINT (PPP2)
NEW MEXICO EAST								NEW MEXICO EAST NAD 1983
NAD 1983 X=757715 Y=413895								X=757736 Y=406645
LAT.: N 32.1359456 LONG.: W 103.6342902								LAT.: N 32.1160171 LONG.: W 103.6343740
NAD 1927								NAD 1927
X=716529 Y=413837 LAT.: N 32.1358211								X=716550 Y=406587 LAT.: N 32.1158925
LONG.: W 103.6338155 672' FNL 854' FWL	X=756859.24 ¬				V=700467.40			LONG.: W 103.6339005 2639' FSL 839' FWL
KICK OFF POINT (KOP)	Y=414557.20	VOD 50		X=759515.42 Y=414588.75	X=762167.49 \ Y=414620.04		PRO	POSED PERF. POINT (PPP3)
NEW MEXICO EAST	11	KOP - 100 - 829' - 1 1 50	0.0'		12	7 }	.   -	NEW MEXICO EAST
NAD 1983 X=757688 Y=414517	47 057 500	2829' 2017' F	<i>→ /→ /</i>	F100'	13 / : //	18		NAD 1983 X=757744 Y=405325
LAT.: N 32.1376562	<u>AZ = 357.56°</u> 622.7'	854'			!			LAT.: N 32.1123896
LONG.: W 103.6343628 NAD 1927		//     Office -///	— –	 	+ · · — · [/4	ŀ		LONG.: W 103.6343759 NAD 1927
X=716502 Y=414459		//		  -  -	: 7/3			X=716558 Y=405268 LAT.: N 32.1122650
LAT.: N 32.1375318 LONG.: W 103.6338880		<i>//</i> // !			X=762183.05 Y=411980.01			LONG.: W 103.6339026
50' FNL 829' FWL		· · · · · · · · · · · · · · · · · · ·		¦ 	/}		.,	1320' FSL 834' FWL
UPPER MOST PERF. (UMP) NEW MEXICO EAST	X=756867.25	· //		 	: ½3			OWER MOST PERF. (LMP) TOM HOLE LOCATION (BHL)
NAD 1983	Y=411917.03	(/j I i	NMNM-	110835	I //			NEW MEXICO EAST
X=757688 Y=414467 LAT.: N 32.1375188				: L <u> </u>	: 			NAD 1983 X=757783 Y=398824
LONG.: W 103.6343629 NAD 1927				 	! <i>[//</i> /	Į.		LAT.: N 32.0945181 LONG.: W 103.6343851
X=716503 Y=414409					X=762197.34 Y=409339.77	l		NAD 1927
LAT.: N 32.1373944 LONG.: W 103.6338881	14	830' - 1 PPP	WC-025 G-0	6 S253201M	; i3\	18	_	X=716597 Y=398766 LAT.: N 32.0943934
100' FNL 829' FWL	23/ X=756889.45	// I !		ONE SPR 784]	24  -  / '	19		LONG.: W 103.6339128 100' FSL 834' FWL
ROPOSED PERF. POINT (PPP1)  NEW MEXICO EAST	Y=409278.69	Vá ! i	USA NMLC-71986		i Y	<u></u>		100 1 02 00 1 1 112
NAD 1983		( <u>/</u> ):		NN	SA / 72/ 1NM / 72/ 5912 / 79/ 1/5/	25-S, R-33-E		
X=757720 Y=409288 LAT.: N 32.1232837				019	5912 / S/ : /S/	25-S, I		
LONG.: W 103.6343703 NAD 1927			NMNM-110836		T 🤼	ĭ		
X=716534 Y=409231	ļ ,	/ /] <del></del>			: (//			
LAT.: N 32.1231592 LONG.: W 103.6338963	X=756896.98	PPP2			. X=762213.63 Y=406700.15			
0' FNL 830' FWL	Y=406634.66		US NMNM-		1			
		PPP3-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			i V			
		<del>/ /</del> 834' - :			: V/			
		1320			! 1/2	l		
	23	√⁄⁄⁄ ¦∏i			24	19		
	<u>26</u> /		г.	<del>                                     </del>	X=762238.26 Y=4040557.73 25	30		
	Y=403996.55		DNG DNG		i //	•		
		15643.4'	# DEN		(N)			
			ON NO.	· · · <del>-</del> · · · <del>-</del>	SPACING SPACING	l		
		= 179.65°	14	1-110836	 	1		
		Ž	SN ASN	<u> </u>	: V, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	X=756932.60				X=762246.74 : Y=401419.13	Ĭ		
	Y=401353.70			İ		1		
		<b>7</b> /	: 	 	//			
		<u></u>	— · · · <del>—</del> · · · <del>-</del>	T —	- · · · · · · · · · · · · · · · · · · ·	1		
		// / / / LM	 P/		! %	1	~~	VEVODS SER TYPE
	26	834' BH	L 	100'		30	I hereby	VEYORS CERTIFICATION certify that the well location shown on the
	35	T 26			36	31	made by	s plotted from field notes of actual survey; y me or under my supervision, and that th true and correct to the best of my belief.
	X=756949.77 - Y=398713.27	1 0 0		X=759612.13 Y=398747.35	X=762263.26 —/ Y=398778.54		10/21/2 Date of Su	2024 arvey
	. 000/10.2/	1 					Signature	and Seal of Professional Surveyor:
		1						
		İ						
		I I						
		İ						
sed to Imaging: 7/8/2025 2:32	PAP PM	1				1		

<u>C-102</u>			Energy		State of New Is & Natura	v Mexico l Resources	Departme	ent		Revise	ed July 9, 2024
Submit Electronic Via OCD Permitt						ION DIVIS				Initial Submittal	
									mittal	X Amended Report	
								Тур	e:	As Drilled	
			VELL LC	CATIO	N AND AC	REAGE DE	EDICATION	ON PL	 \T		
API Number		<u>'</u>	Pool Code	CATIO	Pool N		EDICATI	OIV I LIZ	7.1		
30-025-5	3437		Sect	ions 13 and 2	4: 97784	Sections 13	and 24: WC-0	25 G-06 S2	53201M	; UPPER BONE SI	PR
Property Code			Property Name	1	MERCILESS	3 13 FED CO	)M			Well Number	201H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	<b>)</b> .			Ground Level Eleve	ation 3494'
Surface Owner:	State Fee	Tribal X Federa	ıl			Mineral Owner:	State Fee Tr	ribal X Federa	ıl	•	
					Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu	ıde		Longitude	County
В	13	25-S	32-E	-	664' N	1337' E	N 32.13	<sub>60143</sub>	W 10	03.6242104	LEA
	. •			L		le Location	1.102.10				
UL or lot no.	Section	Township	Range	Lot Idn		Feet from the E/W	Latitu	ıde		Longitude	County
Р	25	25-S	32-E	_	100' S	330' E	N 32.09	45829	W 10	03.6209845	LEA
•			1		1 .00 -	000 -					
Dedicated Acres	Infill or Defi	ning Well Defi	ning Well API			Overlapping Spacing	g Unit (Y/N)	C	Consolidate	ed Code	
1280.00	INFI	LL PI	ENDING				Υ			С	
Order Numbers				NG: NSP I	PENDING	Well Setbacks are un		nershin:	es $\square$ No		
Stati I valliotis	OWIN AC	JI (LLIVILI	VIII LIVOII	10.1101		1		е.зр			
						oint (KOP)					
UL or lot no.	Section	Township	Range	Lot Idn		Feet from the E/W	Latitu			Longitude	County
Α	13	25-S	32-E	-	216' N	330' E	N 32.13	72603	W 10	03.6209562	LEA
					First Take	Point (FTP)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitu	ıde		Longitude	County
Α	13	25-S	32-E	-	216' N	330' E	N 32.13	72603	W 10	03.6209562	LEA
			<u> </u>		I4 T-1 1	D - : (I TD)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Point (LTP) Feet from the E/W	Latitu	ıde		Longitude	County
Р	25	25-S	32-E		100' S	330' E	N 32.09		\\\/ 1(	03.6209845	LEA
'	20	20-0	02-L		100 0	330 L	14 32.03	43029	VV 1	33.0203043	
Unitized Area or A	rea of Uniform I			Spacing Unity	Type Horizonta	al Vertical	Gr	ound Floor Ele	evation	3519'	
	COMM	AOWII									
						I					
OPERATO				is two and	complete to the	SURVEYOR				this must all most a	fuen field
best of my kn	owledge and	belief; and, i	f the well is a	ı vertical or o	lirectional well, nineral interest	notes of actual is true and cor	surveys made	by me or i	ınder m <u>y</u>	his plat was plotted supervision, and t	tegt the same
well at this lo	cation pursue	ant to a cont	ract with an o	wner of a wo	ght to drill this rking interest	is true and cor	reci to the oes	ı oj my bei	iej.	MEXI	XV \
or unleased m pooling order	nerai interes heretofore ent	ered by the a	iamary pooling livision.	, agreement o	r a compulsory					17/M	9
received The c	onsent of at	least one less	er certify that ee or owner of	'a working i	nterest or				경		<del>18</del> 1
	ne well's com	pleted interva			ition) in which I a compulsory				12	1231725	
pooring order	jiom ine aivi	.s w								C'A CA	SF/
									(	WAL	
Signature			Date			Signature and Seal	of Professional Su	rveyor	Date		
Print Name						Certificate Number		Date of Survey		<u> </u>	
						1		12/16	5/2024		

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ecewea by OCD: 4/15/2025 5:1	3:11 PM		Page 18 0
C-102 Submit Electronically	State of New Mexico Energy, Minerals & Natural Resources Department		Revised July 9, 2024
Via OCD Permitting	OIL CONSERVATION DIVISION		Initial Submittal
		Submittal Type:	X Amended Report
		J1	As Drilled
Property Name and Well Number	MERCILESS 13 FED COM 201H	-	
	X=756859.24   Y=414557.20   X=759515.42   X=759515.42   X=7414690 75   X=759515.42   X		



<u>C-102</u>					State of Nev	Mexico l Resources	Departme	nt		Revise	ed July 9, 2024
Submit Electronic Via OCD Permitt						ION DIVIS	-	···		Initial Submittal	
									mittal	X Amended Report	
								Тур	e:	As Drilled	
		v	VELL LC	CATIO	N AND AC	REAGE DE	EDICATION	ON PL	 4 Т		
API Number	2444	<b>v</b>	Pool Code		Pool N	ame				M; UPPER BONE	SPR
30-025-5	3441			ns 13 and 24:	97784	Sections	15 und 24 . W C	023 G 00 1	3233201		51 K
Property Code			Property Name	l	MERCILESS	3 13 FED CO	M				202H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	<b>)</b> .			Ground Level Elev	ation 3495'
Surface Owner:	State Fee	Tribal X Federa	1			Mineral Owner:	State Fee Tr	ibal X Federa	al		
					Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu	de		Longitude	County
В	13	25-S	32-E	_	212' N	2001' E	N 32.13	72477	W 10	03.6263545	LEA
				<u> </u>	Bottom Ho	le Location		!			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu	de		Longitude	County
0	25	25-S	32-E	-	100' S	1470' E	N 32.09	45667	W 10	03.6246656	LEA
Dedicated Acres	1	ning Well Defin	-			Overlapping Spacing			Consolidate		
1280.00	INFI		NDING	IO NOD	DENIDINO		Y			С	
Order Numbers	OMM AG	REEMEN	II PENDI	NG: NSP	PENDING	Well Setbacks are un	nder Common Own	nership: Y	es No		
						oint (KOP)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitu			Longitude	County
В	13	25-S	32-E	-	65' N	1402' E	N 32.13	76588	W 10	)3.6244179	LEA
					First Take	Point (FTP)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu	de		Longitude	County
В	13	25-S	32-E	-	100' N	1406' E	N 32.13	75636	W 10	03.6244330	LEA
					Last Take	Point (LTP)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitu	de		Longitude	County
0	25	25-S	32-E	-	100' S	1470' E	N 32.09	45667	W 10	03.6246656	LEA
Unitized Area or A				Spacing Unity	Type Horizont	al Vertical	Gro	ound Floor Ele	evation	3520'	
	COMM	AGWI		1							
						T					
OPERATO			stained herein	is true and	complete to the	SURVEYOR				his plat was protte	d from field
best of my kn that this organ	owledge and nization eithe	belief; and, i er owns a woi	f the well is a rking interest	vertical or or or or unleased r	directional well, nineral interest	notes of actual is true and cor	surveys made	by me or i	ınder my	supervision, and	hat the same
well at this lo	cation pursue	int to a contr	act with an o	wner of a wo	ght to drill this rking interest r a compulsory		7000 00 0100 0001	og mig oct		MESTO	X \
pooling order	heretofore ent	ered by the d	ivision.							7 2511	
If this well is received The c	onsent of at	least one lesse	e or owner of	a working is					\没		
	ne well's com	pleted interva			d a compulsory				18	1/2/1/25	
										ONAL S	W /
Signature			Date			Signature and Seal	of Professional Su	rvevor	Date		
Dignature			Date			Signature and Sear	or i toressional sul	, , cyo1	Date		
Print Name						Certificate Number	D	ate of Survey			
								12/16	6/2024		
T 11 4 1 1											

eceived by OCD: 4/15/2025 5:18	:11 PM				Page 20 d
C-102 Submit Electronically	Energy, Mir	State of New Mexico nerals & Natural Resources Dep	partment		Revised July 9, 2024
Via OCD Permitting	OIL O	CONSERVATION DIVISIO	N		Initial Submittal
				Submittal Type:	Amended Report
				Type.	As Drilled
Property Name and Well Number	ı	MERCILESS 13 FED COM 202	Н		
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	X=756867.25 Y=41917.03	AZ = 75.61° 617.8°		PROI	POSED 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
KICK OFF POINT (KOP)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- · · + · · - · · + · · - *   + · · -	SPACING	PROI	POSED PERF. POINT (PPP3)
NEW MEXICO EAST NAD 1983	1 7/3	- PPP1	2		NEW MEXICO EAST NAD 1983
X=760766 Y=414538	<b>∀</b> ⁄⁄/	WC-025 G-06 S253201M;			X=760664 Y=405360
LAT.: N 32.1376588 LONG.: W 103.6244179	14 13	UPPER BONE SPR	18 -		LAT.: N 32.1124324 LONG.: W 103.6249429
NAD 1927 X=719581 Y=414480	23/24 X=756889.45 Y=409278.69	(97784) + 153	37' / 19 - X=7621 Y=4093	97.34	NAD 1927 X=719478 Y=405302

USA NMNM- 110836

USA

NM-15317

### 65' FNL 1402' FEL **UPPER MOST PERF. (UMP)**

LAT.: N 32.1375344

LONG.: W 103.6239434

Y=409278.69

X=756896.98 -

Y=406634.66

23

26

X=756922.24 -

Y=403996.55

X=756932 60 -Y=401353.70

X=756949.77

Y=398713,27

26

35

36

**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

#### 100' FNL 1406' FEL PROPOSED PERF. POINT (PPP1) **NEW MEXICO EAST**

LONG.: W 103.6239585

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

#### 1321' FSL 1562' FEL **LOWER MOST PERF. (LMP) BOTTOM HOLE LOCATION (BHL)**

LAT.: N 32.1123078

LONG.: W 103.6244699

**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

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

X=762213.63

Y=406700.15

30

X=762238.26

Y=404057.73

- X=762246.74

Y=401419.13

31

- X=762263 26

Y=398778.54

1562

1321

7732.6'

AZ = 178.87

1001

LMP/

BHL

1470

NM-110836

X=759612.13

Y=398747.35

Date of Survey Signature and Seal of Professional Surveyor:



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<u>C-102</u>			Energy			ew Mexico ral Resources	Department		Reviso	ed July 9, 2024
Submit Electroni Via OCD Permit						TION DIVI			X Initial Submittal	
								Submittal Type:	Amended Report	
								Турс.	As Drilled	
		W	ELL LC	CATIO	N AND A	CREAGE DI	EDICATION	PLAT	•	
API Number 30-025-			Pool Code SEC	TIONS 13 & 2	24: 97784 Poo	Name SECTION	S 13 & 24: WC-0	25 G-06 S253	3201M: UPPER B	ONE SPRING
Property Code		i	Property Name	1	MERCILES	SS 13 FED CC	)M		Well Number	203H
OGRID No.	7377		Operator Name		EOG RES	OURCES, INC	<b>)</b> .		Ground Level Elev	ation 3489'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	X Federal		
					Surfac	e Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
С	13	25-S	32-E	_	806' N	2029' W	N 32.13559	947   W 1	03.6304934	LEA
	l	ı	ı	ı	Bottom I	Hole Location	<u> </u>	l		
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 32.09454	195   W 1	03.6285409	LEA
		•			•			•		
Dedicated Acres	Infill or Def	ining Well Defin	ing Well API			Overlapping Spacing	g Unit (Y/N)	Consolida	ted Code	
Order Numbers		NSP AND	COM # F	ENDING		Well Setbacks are un	nder Common Ownersh	p: Yes N	0	
					Kick Off	Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
С	13	25-S	32-E	-	50' N	2638' W	N 32.13768	329 W 1	03.6285161	LEA
					First Tak	e Point (FTP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
С	13	25-S	32-E	-	100' N	2638' W	N 32.13754	155 W 1	03.6285167	LEA
		•			Last Tak	e 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 32.09454	195 W 1	03.6285409	LEA
Unitized Area or A	rea of Uniform I	Intrest		Spacing Unity	Tyne		Ground	Floor Elevation		
		AREA NSF	)	Spacing Cinty	Horize	ontal Vertical	Ground	ricor Elevation	3514'	
I hereby certi best of my kr	fy that the ir sowledge and	FICATION  nformation contibelief; and, if	the well is a	vertical or o	lirectional well	I hereby certify		tion shown on	this plat was plotte y supervision, and i	
that this orga in the land i well at this le or unleased m pooling order If this well is	nization eith ncluding the ocation pursu iineral interes heretofore ent s a horizontal	er owns a word proposed botton ant to a contro st, or to a volutered by the di	king interest i hole location ict with an o intary pooling vision. r certify that	or unleased no has a ri wner of a wo agreement o this organiz	nineral interes ght to drill the rking interest r a compulsory ation has	is true and cor	rect to the best of		,	
unleased mine	eral interest a he well's com	least one lessed in each tract ( pleted interval ision.	in the target	pool or forme	ition) in which					
Signature			Date			Signature and Seal	of Professional Surveyo	r Dat	e	
Print Name						Certificate Number	Date o	f Survey 10/21/2024		
E-mail Address						-		. 5, = 1, = 027		

C-102 Submit Electronically		Minerals 6		Resources	Department		Revised July 9, 202
ia OCD Permitting			ERVATIO				XInitial Submittal
						Submitt	alAmended Report
						Type:	As Drilled
perty Name and Well Number		MERC	ILESS 13 F	ED COM	203H		
SURFACE LOCATION (SHL)					T	DE	ROPOSED PERF. POINT (PPP2)
NEW MEXICO EAST						'''	NEW MEXICO EAST
NAD 1983							NAD 1983 X=759522 Y=407988
X=758891 Y=413775 LAT.: N 32.1355947							LAT.: N 32.1196777
LONG.: W 103.6304934							LONG.: W 103.6285753
NAD 1927							NAD 1927 X=718336 Y=407930
X=717705 Y=413717 LAT.: N 32.1354702							LAT.: N 32.1195532
LONG.: W 103.6300188	X=756859.24 ¬						LONG.: W 103.6281017 1321' FNL 2629' FWL
806' FNL 2029' FWL	Y=414557.20		,0,-	X=759515.42 Y=414588.75	X=762167.49 \ Y=414620.04		
KICK OFF POINT (KOP)  NEW MEXICO EAST	11	2638	7		12 7	"	ROPOSED PERF. POINT (PPP3) NEW MEXICO EAST
NAD 1983	14	2638	1 <del>////////</del>	18' KOP	13 1	8	NAD 1983
X=759498 Y=414539 LAT.: N 32.1376829		(/j	; 908 	18' UMP	i 1/2/		X=759532 Y=406667 LAT.: N 32.1160458
LONG.: W 103.6285161		2029	SHL	1	· // 1		LONG.: W 103.6285703
NAD 1927		<del>/</del> /∕J · <del> </del>	+	<del> </del>	+··-—·// <del>//</del> /		NAD 1927 X=718346 Y=406609
X=718312 Y=414480 LAT.: N 32.1375585		<b>(</b> /)	:	(	;		LAT.: N 32.1159212
LONG.: W 103.6280415		<i>(1)</i>	1	1	: X=762183.05		LONG.: W 103.6280970
50' FNL 2638' FWL UPPER MOST PERF. (UMP)		<u></u>	<u></u>	<b>L</b>	Y=411980.01	PE	2641' FSL 2635' FWL ROPOSED PERF. POINT (PPP4)
NEW MEXICO EAST	X=756867.25	7. /s	:	1	! // <b>//</b>	'''	NEW MEXICO EAST
NAD 1983	Y=411917.03	(A	İ	NMNM-110835	T Ž∕¶		NAD 1983
X=759498 Y=414489 LAT.: N 32.1375455		( <sup>2</sup> / <sub>1</sub>	:		: V/		X=759543 Y=405346 LAT.: N 32.1124152
LONG.: W 103.6285167		<u>/ / /                                </u>	+	<del>├</del> · · - · · -	+ · · - · / - / /		LONG.: W 103.6285654
NAD 1927		(./i	: 1		i , , ,,,,,,,		NAD 1927 X=718357 Y=405289
X=718312 Y=414430 LAT.: N 32.1374210			VC-025 G-06		X=762197.34 Y=409339.77		LAT.: N 32.1122906
LONG.: W 103.6280421	14	262	UPPER B	ONE SPR	13 1	— – I	LONG.: W 103.6280922 1321' FSL 2633' FWL
100' FNL 2638' FWL	23/ X=756889.45	//	PPF 1977	<del>04</del> }	1 24 1 1 : V.	19	LOWER MOST PERF. (LMP)
ROPOSED PERF. POINT (PPP1)  NEW MEXICO EAST	Y=409278.69	/ /i	USA NMLC-71986 T		Ĭ <u> </u>	, Вс	OTTOM HOLE LOCATION (BHL)
NAD 1983		262	:		NNW	3	NEW MEXICO EAST
X=759512 Y=409310 LAT.: N 32.1233096		//j—			<sup>5912</sup> /ທັ∕ໄທ	ĵ l	NAD 1983 X=759593 Y=398847
LONG.: W 103.6285802		<b>/</b> /1	NMNM-110836			<u>:</u>	LAT.: N 32.0945495
NAD 1927 X=718326 Y=409252		(/ <u>)</u>	PPP3~		X=759612.13 : Y=398747.35		LONG.: W 103.6285409 NAD 1927
LAT.: N 32.1231851	]	263			<del>'//</del>		X=718406 Y=398789
LONG.: W 103.6281064 0' FSL 2623' FWL	X=756896.98	[/]			; ½		LAT.: N 32.0944247 LONG.: W 103.6280688
0 F3L 2023 FWL	Y=406634.66	(1)	USA NMNM-15317	2641'-	! ½ <b>%</b>		100' FSL 2644' FWL
		(/)	PPP4~	7	1 //		
		26	33'	<del>-</del> "	; ½ <b>%</b>		
		<i>(/)</i>		70	X=762238.26 X=404057.73		
	23	<i>(</i>	i	.	24	19	
	<u> </u>	<del> </del>	<del>                                     </del>	<del>                                     </del>	25 1	30	
	26 X=756922.24 Y=403996.55	/	15641.7	İ	· //		
		/S)			! 1/1		
		ΛΟΣ΄— ·	· <del>  </del>	+ · · - · · -	· + · · — · · ///		
		AS N S S S S S S S S S S S S S S S S S S	ZA 	NMNM-110836	; ½ <b>%</b>		
		T Q		1	· X=756949.77		
			: 	<u> </u>	: X=756949.77 Y=398713.27		
	V-750000 00 /		<del></del>		! <b>! ! ! ! ! ! ! ! ! !</b>		
	X=756932.60 <b>-/</b> Y=401353.70	WE LESS	j		/ / / / / / / / / / / / / / / / / / /		
		<b>/</b>	· <del> </del> · · · — · ·	+	<u> </u>		
		<b>1</b>	LMP/¬		i 2/1	<u> </u>	
		<b>7</b> 2	: BHL		· 1/3	SU	URVEYORS CERTIFICATION
	26	264	4'	19'	<del>/////////////////////////////////////</del>	30   I her plat	reby certify that the well location shown on t was plotted from field notes of actual survey:
	35	36	Š	X=759612.13	36/ X=762263.26	31 made	e by me or under my supervision, and that the is true and correct to the best of my belief.
	X=756949.77 - Y=398713.27	'i !	÷	Y=398747.35	Y=398778.54	Date of	21/2024 of Survey ture and Seal of Professional Surveyor:
	. 5557 15.27	1 1			1	Signat	and sear of Fiolessional Surveyor:
		1 1					
		1					
		1					
sed to Imaging: 7/8/2025 2:32	PAP PM						

<u>C-102</u>	11		Energy		State of New ls & Natura	v Mexico l Resources	Department		Revise	d July 9, 2024
Submit Electronic Via OCD Permitt			0,	•		ION DIVIS			X Initial Submittal	
								Submittal Type:	Amended Report	
								Type.	As Drilled	
		W	ELL LC	CATIO	N AND AC	REAGE DE	DICATION	PLAT	•	
API Number 30-025-			Pool Code	TIONS 13 &	Pool N				3201M: UPPER BO	ONE SPRING
Property Code			Property Name		MERCILESS	3 13 FED CO	М		Well Number	204H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	).		Ground Level Eleva	ation 3477'
Surface Owner:	State Fee	Tribal X Federal	•			Mineral Owner:	State Fee Tribal	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 32.13566	78 W 1	03.6337787	LEA
		<u> </u>	<u> </u>	<u> </u>		le 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 32.09453	08   W 1	03.6320279	LEA
				•	•			•	•	
Dedicated Acres		ining Well Defin				Overlapping Spacing	Unit (Y/N)	Consolida		
1280.00	INFI	LL PE	NDING				Y		С	
Order Numbers		NSP AND	COM # F	ENDING		Well Setbacks are un	der Common Ownership	o: Yes N	o	
					Kick Off P	oint (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude		Longitude	County
С	13	25-S	32-E	-	50' N	1559' W	N 32.13766	70 W 1	03.6320044	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
С	13	25-S	32-E	_	100' N	1559' W	N 32.13752	96 W 1	03.6320045	LEA
			ı		Last Take 1	Point (LTP)		<u> </u>		
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 32.09453	08 W 1	03.6320279	LEA
Unitized Area or A	rea of Uniform I	ntrest		Spacing Unity	/ Type		Ground I	Floor Elevation		
IU	NITIZED /	AREA NSF	•		Horizont	al Vertical			3502'	
I hereby certi- best of my kn that this orga- in the land in well at this lo or unleased m- pooling order If this well ir received The c- unleased mine	fy that the in owledge and nization eith caluding the cation pursu ineral interectofore ent a horizontal onsent of at treal interest a well's com	belief; and, if er owns a wor.  proposed botton  ant to a contrust, or to a voli- ered by the di well, I furthe  least one lesse  in each tract ( pleted interval	the well is a king interest on hole location of the location o	vertical or or or unleased no or has a ri uner of a wo agreement of this organiz a working i pool or forma		I hereby certify notes of actual		ion shown on ne or under m	this plat was plotted y supervision, and t	
Signature			Date				of Professional Surveyor		е	
Print Name						Certificate Number	Date of	Survey 10/21/2024		
E-mail Address						1	1			

C-102 Submit Electronically Via OCD Permitting		State of New Mexico  Minerals & Natural Resources Department  CONSERVATION DIVISION	Revised July 9, 202  Submittal Type:  Amended Report
perty Name and Well Number		MERCILESS 13 FED COM 204H	As Drilled
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 103.6315298  100' FNL 1559' FWL  PROPOSED PERF. POINT (PPP1)  NEW MEXICO EAST NAD 1983  X=758450 Y=409297  LAT.: N 32.1232943  LONG.: W 103.6315384  0' FNL 1560' FWL	X=756859.24 Y=414557.20 ————————————————————————————————————	1559   1	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

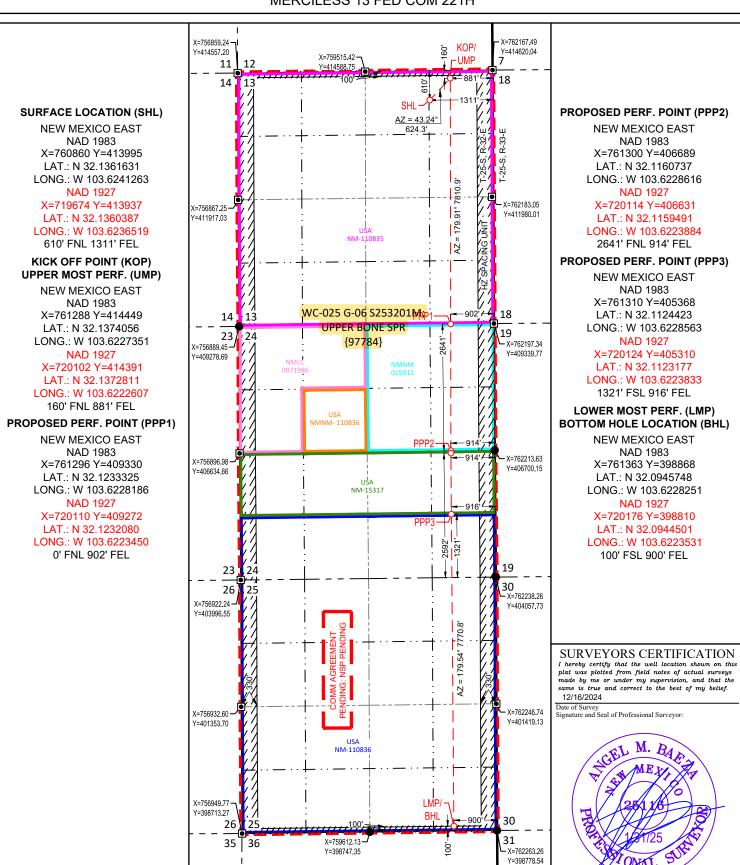
<u>C-102</u>			Energy			ew Mexico ral Resources	Department		Reviso	ed July 9, 2024
Submit Electroni Via OCD Permit						TION DIVI			XInitial Submittal	
								Submittal Type:	Amended Report	
								Type.	As Drilled	
		W	ELL LC	CATIO	N AND A	CREAGE DI	EDICATION	PLAT		
API Number 30-025-			Pool Code SEC	TIONS 13 & 2	24: 97784 Poo	ol Name SECTION	S 13 & 24: WC-0	25 G-06 S253	3201M: UPPER B	ONE SPRING
Property Code			Property Name	ı	MERCILE	SS 13 FED CC	DM		Well Number	205H
OGRID No.	7377		Operator Name		EOG RES	OURCES, INC	D.		Ground Level Elev	ation 3477'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	X Federal		
					Surfac	ce Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
D	13	25-S	32-E	_	731' N	773' W	N 32.13578	321 W 1	03.6345499	LEA
	l	l .	l .	l .	Bottom 1	Hole Location	<u> </u>	L		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N	J/S Feet from the E/W	Latitude		Longitude	County
М	25	25-S	32-E	-	100' S	464' W	N 32.0945	117   W 1	03.6355799	LEA
		•	•		•					
Dedicated Acres	Infill or Def	ining Well Defin	ing Well API NDING			Overlapping Spacing	g Unit (Y/N)	Consolida	ted Code	
Order Numbers		NSP AND	COM # F	ENDING		Well Setbacks are un	nder Common Ownersh	ip: Yes N	o	
					Kick Of	f Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
D	13	25-S	32-E	-	50' N	459' W	N 32.1376	507 W 1	03.6355581	LEA
					First Tak	te Point (FTP)				
UL or lot no.	Section	Township	Range	Lot Idn		I/S Feet from the E/W	Latitude		Longitude	County
D	13	25-S	32-E	-	100' N	459' W	N 32.1375	133   W 1	03.6355582	LEA
			•	•	Last Tak	e Point (LTP)		•		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N	I/S Feet from the E/W	Latitude		Longitude	County
М	25	25-S	32-E	-	100' S	464' W	N 32.0945	117 W 1	03.6355799	LEA
Unitized Area or A	rea of Uniform I	ntrect		Spacing Unity	Type		Ground	Floor Elevation		
		AREA NSF	)	Spacing Omry	Horiz	ontal Vertical	Ground	1 loor Elevation	3502'	
		FICATION				SURVEYO	RS CERTIFICA	TION		
best of my kr that this orga in the land i well at this li or unleased m pooling order	wiledge and nization eith nictuding the ocation pursu interest heretofore ent	nformation combelief; and, if er owns a wori proposed bottom ant to a contract, or to a voluered by the di	the well is a king interest in hole location out with an ountary pooling vision.	vertical or o or unleased r n or has a ri wner of a wo agreement o	lirectional wel nineral intere: ght to drill th rking interest r a compulsor	l, notes of actual is true and con		me or under m	this plat was plotte y supervision, and i	
received The cunleased mine	consent of at eral interest of he well's com	well, I furthe least one lesse in each tract ( pleted interval ision.	e or owner of in the target	a working in pool or forme	nterest or ution) in whic					
Signature			Date			Signature and Seal	of Professional Surveyo	or Dat	e	
Print Name						Certificate Number	Date o	f Survey 10/21/2024		
E-mail Address						-		1012 112024		

<u>C-102</u>	Energy. M		ate of New & Natural		s Departmer	nt		Revised July 9, 202
ubmit Electronically ia OCD Permitting				ION DIV				XInitial Submittal
							ubmittal ype:	Amended Report
							) p • .	As Drilled
perty Name and Well Number		MER	CILESS 13	FED COM	1 205H			
SURFACE LOCATION (SHL)		1					PRO	POSED PERF. POINT (PPP2)
NEW MEXICO EAST								NEW MEXICO EAST NAD 1983
NAD 1983 X=757635 Y=413835								X=757366 Y=406640
LAT.: N 32.1357821 LONG.: W 103.6345499		<u> </u>						LAT.: N 32.1160112 LONG.: W 103.6355691
NAD 1927		I						NAD 1927
X=716449 Y=413777 LAT.: N 32.1356576								X=716180 Y=406583 LAT.: N 32.1158866
LONG.: W 103.6340752	V =========	 						LONG.: W 103.6350955
731' FNL 773' FWL KICK OFF POINT (KOP)	X=756859.24 — Y=414557.20	o		X=759515.4 Y=414588.7			, DDO	2639' FSL 469' FWL
NEW MEXICO EAST	11	920	0.0'		12	7 -	. PRU	POSED PERF. POINT (PPP3) NEW MEXICO EAST
NAD 1983 X=757318 Y=414513	KOP 459'		<del></del>	100'	13 / 13 / 13 / 13 / 13 / 13 / 13 / 13 /	18		NAD 1983 X=757374 Y=405321
LAT.: N 32.1376507	773'-		į		1 7			LAT.: N 32.1123843
LONG.: W 103.6355581 NAD 1927			SHL:		:	•		LONG.: W 103.6355709 NAD 1927
X=716132 Y=414455			= <u>334.97°</u> 748.0'		: V/	l		X=716188 Y=405263
LAT.: N 32.1375263 LONG.: W 103.6350833		14			X=762183.05 Y=411980.01	l		LAT.: N 32.1122597 LONG.: W 103.6350975
50' FNL 459' FWL		<i>(</i> 2)	:	i	1 1-411900.011	Ļ		1319' FSL 464' FWL
UPPER MOST PERF. (UMP)	J	<b>1</b>				Ï		OWER MOST PERF. (LMP) TOM HOLE LOCATION (BHL)
NEW MEXICO EAST NAD 1983	X=756867.25/ Y=411917.03	1/2/I	NM	NM-110835	i 1/2	l		NEW MEXICO EAST
X=757318 Y=414463 LAT.: N 32.1375133		<u> </u>				•		NAD 1983 X=757413 Y=398819
LONG.: W 103.6355582		<del>/</del> //   — ·	. + –	+	+ · · — · //			LAT.: N 32.0945117
NAD 1927 X=716133 Y=414405		<b>7</b> 7	i		X=762197.34 X			LONG.: W 103.6355799 NAD 1927
LAT.: N 32.1373889	14		WC-025 G	-06 S253201N	Λ; Y=409339.77 () 13	18		X=716227 Y=398762
LONG.: W 103.6350834 100' FNL 459' FWL	23/	4 /- 460'	UPPER	R BONE SPR	24	19	-	LAT.: N 32.0943870 LONG.: W 103.6351075
ROPOSED PERF. POINT (PPP1)	X=756889.45 Y=409278.69	<b>/</b> //i	USA	97 <mark>7</mark> 84}	: V/			100' FSL 464' FWL
NEW MEXICO EAST NAD 1983		<u>///</u>	NMLC-71986		UŠA YW	ш		
X=757350 Y=409284		<del>//</del> i-i- —			NMNM — /28	R-33-E		
LAT.: N 32.1232783 LONG.: W 103.6355654		7.7.!	NMNM-11083	6	· · · · · · · · · · · · · · · · · · ·	r-25-S,		
NAD 1927			מם			F.		
X=716164 Y=409226 LAT.: N 32.1231538	469'		F2		V-700040 00	·		
LONG.: W 103.6350914	X=756896.98	<b>V</b> 3	:	USA	X=762213.63 Y=406700.15			
0' FNL 461' FWL	Y=406634.66		NM	NM-15317	! <i>[//</i>	1		
					<u> </u>			
	464'-	T PI	P3:		: V;	1		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!		: 7/	1		
	23	<b>1</b> 411-	<b>_</b>		X=762238.26 ¥	•—·	-	
	26/ X=756922.24	1/3	: <b>[</b> 0]		Y=4040557.73 25	30		
	Y=403996.55		: DING			1		
		15643.				ŧ.		
		<b>■</b> / ′// ` :				1		
		: = 179.65	15	INM-110836	. Land	Ĭ.		
		<u> </u>	- I de la companya de		-   X=762246.74	Ē		
	X=756932.60 —		:	1	Y=401419.13	1		
	Y=401353.70	1/8/ /1			· · · · · · · · · · · · · · · · · · ·			
		<b>1</b>	🖵 👝 .	. 🛓 🗕	·	4		
		/ / I _ LN	ID/	 		1		
		J I BH			· ! //:	1	CIID	VEYORS CERTIFICATION
	26	46	4' . 	100'			I hereby	VEYORS CERIIFICATION certify that the well location shown on the splotted from field notes of actual surveys.
	35	00		X=759612.1	36	31	made by same is	y me or under my supervision, and that th true and correct to the best of my belief.
	X=756949.77 — Y=398713.27	1. <u> </u>		Y=398747.3			Date of Su Signature	
							,v	-y
		1						
		1						
sed to Imaging: 7/8/2025 2:32	PAD PM						]	

<u>C-102</u>			Energy		State of New ls & Natura	v Mexico l Resources	Department		Revise	ed July 9, 2024
Submit Electronic Via OCD Permitt						ION DIVIS			Initial Submittal	
								Submittal Type:	X Amended Report	
								Type.	As Drilled	
		W	ELL LC	CATIO	N AND AC	REAGE DE	EDICATION	PLAT	•	
API Number 30-025-5	54328		Pool Code Sec	ctions 13 and	24: 97784 Pool N	ame Sections 13 a	and 24: WC-025 G	-06 S253201M	; UPPER BONE SF	PR
Property Code			Property Name	1	MERCILESS	3 13 FED CO	М		Well Number	221H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	i.		Ground Level Elev	ation 3494'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	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
Α	13	25-S	32-E	-	610' N	1311' E	N 32.13616	831   W 1	03.6241263	LEA
		•	•	•	Bottom Ho	le Location		ı		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude		Longitude	County
Р	25	25-S	32-E	-	100' S	900' E	N 32.09457	'48 W 1	03.6228251	LEA
Dedicated Acres		ining Well Defin	-			Overlapping Spacing		Consolida		
1280.00	INFI		NDING				Y		С	
Order Numbers C	COMM AG	REEMEN'	T PENDIN	IG: NSP I	PENDING	Well Setbacks are un	der Common Ownershi	p: Yes N	o	
					Kick Off P	oint (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude		Longitude	County
Α	13	25-S	32-E	-	160' N	881' E	N 32.13740	)56 W 1	03.6227351	LEA
					First Take	Point (FTP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitude		Longitude	County
Α	13	25-S	32-E	-	160' N	881' E	N 32.13740	)56 W 1	03.6227351	LEA
<del></del>					Last Take 1	Point (LTP)			ļ.	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	<u> </u>	Latitude		Longitude	County
Р	25	25-S	32-E	-	100' S	900' E	N 32.09457	748 W 1	03.6228251	LEA
Unitized Area or A	rea of Uniform I	ntrest		Spacing Unity	/ Type		Ground	Floor Elevation		
	COMM	AGMT				al Vertical			3519'	
I hereby certi- best of my kn that this orga- in the land in well at this la- or unleased m pooling order If this well is received The c- unleased mine	owledge and nization eith neluding the ocation pursu tineral interes heretofore ent so a horizontal consent of at eral interest the well's com	formation con belief, and, if er owns a wor. proposed botton ant to a contro st, or to a volu- ered by the di- well, I furthe least one lesse in each tract ( pleted interval	the well is a tring interest on hole location of with an ountary pooling vision.  r certify that is or owner of in the target	vertical or of or unleased ring or has a ring or has a working it a working it pool or formation or or this organization or formation or formation or or formation or or formation or forma		I hereby certify notes of actual	S CERTIFICA  that the well loca surveys made by rect to the best of	tion shown on ne or under m	this plat was plotte y supervision, and ME y 251 16 1000 125	d from field has the same
Signature Date						Signature and Seal of Professional Surveyor Date				
Print Name						Certificate Number	Date o	f Survey 12/16/2024		
E-mail Address						1				

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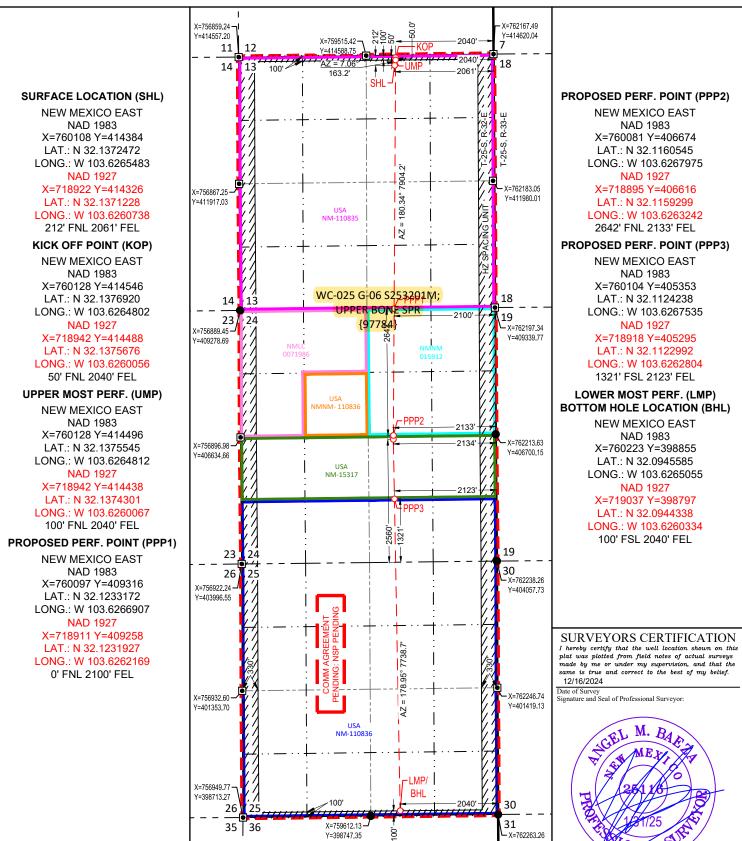
C-102 Submit Electronically	State of New Mexico Energy, Minerals & Natural Resources Departmen	t	Revised July 9, 2024
Via OCD Permitting	OIL CONSERVATION DIVISION		Initial Submittal
		Submittal Type:	Amended Report
		31	As Drilled
Property Name and Well Number	MERCILESS 13 FED COM 221H		



<u>C-102</u>			Energy			ew Mexico	Department		Revise	ed July 9, 2024
Submit Electroni Via OCD Permit	ting		(	OIL CO	NSERVA	TION DIVI	SION		Initial Submittal	
								Submittal Type:	X Amended Report	
								Type.	As Drilled	
		W	ELL LC	CATIO	N AND A	CREAGE DI	EDICATION	PLAT		
API Number 30-025-5	3439			ons 13 and 2		Name Sections 13 ar	nd 24: WC-025 G-0	6 S253201M;	UPPER BONE SPR	
Property Code			Property Name		MERCILES	SS 13 FED CC	S 13 FED COM  22			
OGRID No.	7377		Operator Name		EOG RES	OURCES, INC	D		Ground Level Elev	ation 3495'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	X Federal		
					Surfac	e Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N	S Feet from the E/W	Latitude		Longitude	County
В	13	25-S	32-E	-	212' N	2061' E	N 32.13724	172   W 1	03.6265483	LEA
			•		Bottom F	Iole Location			•	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
0	25	25-S	32-E	-	100' S	2040' E	N 32.0945	585   W 1	03.6265055	LEA
Dadianted Assess	Inch Def	:.: w.ulp.s.	: W-11 A DI			Oi	- II-:4 (V/NI)	C1:4-	4-1 C-1-	
Dedicated Acres Infill or Defining Well Defining Well API Overlapping Spacing Un  1280.00 DEFINING Y								Consolida	c Code	
Order Numbers (	rder Numbers COMM AGREEMENT PENDING: NSP PENDING Well Setbacks are under Common Ownership: Yes No									
					Kick Off	Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
В	13	25-S	32-E	-	50' N	2040' E	N 32.13769	920 W 1	03.6264802	LEA
					First Tak	e Point (FTP)				
UL or lot no.	Section	Township	Range	Lot Idn		S Feet from the E/W	Latitude		Longitude	County
В	13	25-S	32-E	-	100' N	2040' E	N 32.1375	545 W 1	03.6264812	LEA
					Last Take	e Point (LTP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County
0	25	25-S	32-E	-	100' S	2040' E	N 32.09455	585 W 1	03.6265055	LEA
				_						
Unitized Area or A	rea of Uniform I			Spacing Unity	Type Horizo	ntal Vertical	Ground	Floor Elevation	3520'	
				•			<b>'</b>			
I hereby certi best of my kr that this orga in the land i well at this l or unleased n pooling order If this well i received The o unleased min	fy that the incovered and nization eith neluding the ocation pursu tineral interested a horizontal consent of at eral interested	belief; and, if er owns a wor. proposed botton ant to a contrest, or to a volvered by the dileast one lessed in each tract (	the well is a king interest on hole location out the mountary pooling vision.  The certify that is or owner of in the target	vertical or of or unleased ring or has a ring or fa wo agreement of this organiza working in pool or formo	r a compulsory ation has	I hereby certify notes of actual is true and con		tion shown on ne or under m	this plat was platter y supervision, and s	
pooling order from the division.  Signature  Date						TOVAL SUE				URIK .
Signature			Date			Dignature and Seal	of Professional Surveyo	r Dat	-	
Print Name						Certificate Number	Date o	f Survey 12/16/2024		
E-mail Address						-		12, 10,2024		

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eceived by OCD: 4/15/2025 5:18:	11 PM		Page 30 o
C-102 Submit Electronically	State of New Mexico Energy, Minerals & Natural Resources Departmen	ıt	Revised July 9, 2024
Via OCD Permitting	OIL CONSERVATION DIVISION		Initial Submittal
		Submit Type:	X Amended Report
		-71	As Drilled
Property Name and Well Number	MERCILESS 13 FED COM 222H		
SURFACE LOCATION (SHL)  NEW MEXICO EAST		62167.49 14620.04	ROPOSED PERF. POINT (PPP2)  NEW MEXICO EAST



Y=398778.54

<u>C-102</u>			Energy		State of New ls & Natura	v Mexico l Resources	Department		Revise	ed July 9, 2024
Submit Electronic Via OCD Permitt			~			TON DIVIS			X Initial Submittal	
								Submittal Type:	Amended Report	
								Type.	As Drilled	
		W	ELL LO	CATIO	N AND AC	REAGE DE	EDICATION	PLAT	•	
API Number 30-025-			Pool Code SEC	TIONS 13 &	24: 97784 Pool N	ame SECTIONS	5 13 & 24: WC-02	25 G-06 S253	3201M: UPPER B	ONE SPRING
Property Code			Property Name		MERCILESS	3 13 FED CO	М			223H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	i.		Ground Level Elev	ation 3489'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	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
С	13	25-S	32-E	-	766' N	2029' W	N 32.13570	46   W 1	03.6304925	LEA
	l	I	<u>I</u>	1		le Location		<u> </u>		
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 32.09454	07 W 1	03.6301873	LEA
					1			<b>I</b>		
Dedicated Acres	Infill or Def	ining Well Defin	ing Well API			Overlapping Spacing	Unit (Y/N)	Consolidat	ted Code	
1280.00	INF	LL PE	NDING				Υ		С	
Order Numbers	·	NSP AND	COM # F	ENDING		Well Setbacks are un	der Common Ownership	o: Yes N	o	
					Kick Off P	oint (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitude		Longitude	County
С	13	25-S	32-E	-	50' N	2129' W	N 32.13767	54 W 1	03.6301630	LEA
					Einst Toles	Daint (ETD)			•	
UL or lot no.	Section	Township	Range	Lot Idn	First Take Feet from the N/S	Point (FTP) Feet from the E/W	Latitude	1	Longitude	County
С	13	25-S	32-E	_	100' N	2129' W	N 32.13753	80   W 1	03.6301631	LEA
	10	200	02 L		1 11 11	<u> </u>	14 02.107 00	00   111	00.0001001	
						Point (LTP)				-
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	07	Longitude	County
N	25	25-S	32-E	-	100' S	2134' W	N 32.09454	07   W 1	03.6301873	LEA
Unitized Area or A		Intrest AREA NSF	<u> </u>	Spacing Unity	Type Horizont	al Vertical	Ground 1	Floor Elevation	3514'	
UI	NI IIZED /	AREA NOF								
		FICATION					RS CERTIFICA			
best of my kn that this orga in the land in well at this lo or unleased m	nowledge and nization eith ncluding the ocation pursu tineral intere	belief; and, if er owns a word proposed botton ant to a contro	the well is a king interest n hole location act with an o antary pooling	vertical or of or unleased rong or has a riwner of a wo	complete to the directional well, nineral interest ight to drill this orking interest or a compulsory	notes of actual		ne or under m	this plat was plotted y supervision, and t	
received The cunleased mine	consent of at eral interest he well's com	pleted interval	e or owner of in the target	a working i						
Signature			Date			Signature and Seal of	of Professional Surveyor	- Date	e	
Print Name						Certificate Number	Date of	Survey 10/21/2024		
E-mail Address					-					

<u>C-102</u>	Energy 1		e of New I Natural I		Department		Revised July 9, 2024
ubmit Electronically ia OCD Permitting				ON DIVIS			X Initial Submittal
						Submitta	· —
						Type:	As Drilled
perty Name and Well Number		MERCI	LESS 13 F	ED COM	223H		
SURFACE LOCATION (SHL)					T	PRO	OPOSED PERF. POINT (PPP2)
NEW MEXICO EAST							NEW MEXICO EAST NAD 1983
NAD 1983 X=758891 Y=413815							X=759028 Y=407982
LAT.: N 32.1357046 LONG.: W 103.6304925							LAT.: N 32.1196702 LONG.: W 103.6301732
NAD 1927							NAD 1927
X=717705 Y=413757 LAT.: N 32.1355802							X=717842 Y=407924 LAT.: N 32.1195457
LONG.: W 103.6300180			=				LONG.: W 103.6296996
766' FNL 2029' FWL KICK OFF POINT (KOP)	X=756859.24 ¬ Y=414557.20		,	X=759515.42 Y=414588.75	X=762167.49 — Y=414620.04	DD.	1321' FNL 2134' FWL OPOSED PERF. POINT (PPP3)
NEW MEXICO EAST		2129	KOP 1 G		12\ 7		NEW MEXICO EAST
NAD 1983	14	2129		+ UMP	13 1	8	NAD 1983 X=759036 Y=406661
X=758988 Y=414532 LAT.: N 32.1376754		2	الم		I ½%		LAT.: N 32.1160379
LONG.: W 103.6301630 NAD 1927		2029'-	SHLJ	<u> </u>	: 		LONG.: W 103.6301752 NAD 1927
X=717802 Y=414474		<u> </u>	<del> </del>		! // <b>1</b>		X=717850 Y=406603
LAT.: N 32.1375510 LONG.: W 103.6296883		(4	1	İ	I // //		LAT.: N 32.1159133 LONG.: W 103.6297018
50' FNL 2129' FWL		<b>1</b> /3			X=762183.05 Y=411980.01		2641' FSL 2139' FWL
UPPER MOST PERF. (UMP)	/ / / / / / / / / / / / / / / / / / /	<b>y</b> /	<u> </u>	<del> </del>	· //	PR	OPOSED PERF. POINT (PPP4) NEW MEXICO EAST
NEW MEXICO EAST NAD 1983	X=756867.25/ Y=411917.03		i I	NMNM-110835	i 7/3		NAD 1983
X=758988 Y=414482 LAT.: N 32.1375380		(	: 1				X=759044 Y=405341 LAT.: N 32.1124081
LONG.: W 103.6301631		<u>/</u> // · — · · ·	+ · · - · · -	<del> </del>	+··		LONG.: W 103.6301773
NAD 1927 X=717803 Y=414424		<i>γ</i>			X=762197.34		NAD 1927 X=717857 Y=405283
LAT.: N 32.1374136	14	2130	inc ood c	06 S253201I	: Y=409339.77 [\\/	8	LAT.: N 32.1122835 LONG.: W 103.6297041
LONG.: W 103.6296884 100' FNL 2129' FWL	<b>├</b> <del>``</del>			SPR [977	WI,	— – I	1320' FSL 2134' FWL
ROPOSED PERF. POINT (PPP1)	X=756889.45 Y=409278.69	(/)	. USA 25		: V/	L	LOWER MOST PERF. (LMP)
NEW MEXICO EAST NAD 1983		<u>/                                    </u>	NMLC-71986		/щ/ 35A /85		TTOM HOLE LOCATION (BHL) NEW MEXICO EAST
X=759020 Y=409304		2134'	<b>—</b>	NN	JSA		NAD 1983
LAT.: N 32.1233025 LONG.: W 103.6301711		/ /l	NMNM-110836				X=759083 Y=398841 LAT.: N 32.0945407
NAD 1927		2/1			X=759612.13 Y=398747.35		LONG.: W 103.6301873
X=717834 Y=409246 LAT.: N 32.1231780		2 /			1/4		NAD 1927 X=717896 Y=398783
LONG.: W 103.6296973	X=756896.98	2139	PPP3 J	USA	; (/ <b>/</b>		LAT.: N 32.0944159
0' FSL 2130' FWL	Y=406634.66	<b>(</b> 1)		NMNM-15317	! ½ <b>%</b>		LONG.: W 103.6297151 100' FSL 2134' FWL
		(/	PPP4				
		2134	;		: V X=762238.26 X		
		γ / <sub>1</sub>	- 1320'		Y=404057.73		
	23	<u> </u>	<u> </u>	<u> </u>	<del>                                     </del>	19 _	
	26 <sub>X=756922.24</sub>	<b>7</b> /3			1 25 T 3	30	
	Y=403996.55	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			i Ý⁄		
		191	79.65	<u> </u>	<u>:</u> <u> </u>		
		SPACI	;	NMNM-110836	! ½ <b>1</b>		
		HZ SK	. 4		1 2/1		
		<u>₹</u> //  ≝	: 1	<u> </u>	: X=756949.77 Y=398713.27		
	X=756932.60		<u> </u>	Ţ			
	X=756932.60 — Y=401353.70		i !		1		
			:	i	· //		
		1-41. <del></del> · ·	· <del>  · · ·   · ·</del> :	+			
		1/4	i I I LMP/ ¬ I		1 7/1	<del>                                     </del>	
	26	2134	BHL \¦		: /// 1		RVEYORS CERTIFICATION by certify that the well location shown on th
	$\frac{20}{35}$	<b>*</b> / <i>***</i> /***			<u> </u>	plat u 31   made	vas plotted from field notes of actual surveys by me or under my supervision, and that th
	X=756949.77 -	/ <sub> </sub> 33	100′	X=759612.13 Y=398747.35	X=762263.26 - Y=398778.54	same 1	is true and correct to the best of my belief. 1/2024
	Y=398713.27	İ				Signatur	Survey re and Seal of Professional Surveyor:
		1					
		1					
	PAD G						
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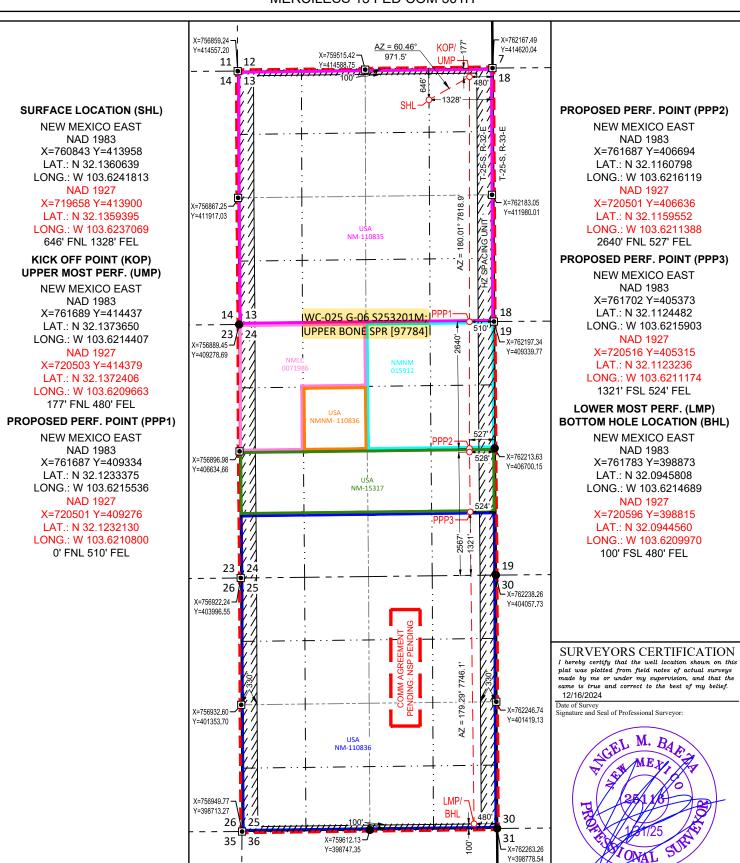
<u>C-102</u>			Energy			ew Mexico aral Resources	Department		Reviso	ed July 9, 2024
Submit Electroni Via OCD Permit						ATION DIVI			XInitial Submittal	
								Submittal Type:	Amended Report	
								Type.	As Drilled	
		W	ELL LC	CATIO	N AND A	CREAGE DI	EDICATION	V PLAT	•	
API Number 30-025-			Pool Code SEC	TIONS 13 & 2		ol Name SECTION	S 13 & 24: WC-0	25 G-06 S253	3201M: UPPER B	ONE SPRING
Property Code			Property Name	1	MERCILE	SS 13 FED CC	DΜ		Well Number	224H
OGRID No.	7377		Operator Name		EOG RES	SOURCES, INC	<b>)</b> .		Ground Level Elev	ation 3477'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	X Federal		
					Surfa	ce Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1		Latitude		Longitude	County
D	13	25-S	32-E	-	732' N	793' W	N 32.13578	317   W 1	03.6344853	LEA
	l	I	ı	1	Bottom	Hole Location		ı		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1	N/S Feet from the E/W	Latitude		Longitude	County
М	25	25-S	32-E	-	100' S	994' W	N 32.09452	209   W 1	03.6338685	LEA
			•	•	•			•		
Dedicated Acres	Infill or Def	ining Well Defin	ing Well API NDING			Overlapping Spacing	g Unit (Y/N)	Consolida	ted Code	
Order Numbers		NSP AND	COM # F	ENDING		Well Setbacks are un	nder Common Ownersh	ip: Yes N	o	
					Kick Of	f Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1		Latitude		Longitude	County
D	13	25-S	32-E	-	50' N	989' W	N 32.1376	586 W 1	03.6338459	LEA
					First Tal	ce 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 32.13752	212 W 1	03.6338460	LEA
					Last Tak	te Point (LTP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1	V/S Feet from the E/W	Latitude		Longitude	County
М	25	25-S	32-E	-	100' S	994' W	N 32.09452	209 W 1	03.6338685	LEA
Unitized Area or A	rea of Uniform I	ntrest		Spacing Unity			Ground	Floor Elevation		
UI	NITIZED /	AREA NSF	)		X Hori:	zontal Vertical			3502'	
I hereby certi, best of my kr that this orga in the land i well at this loor unleased m pooling order  If this well is received The cunleased minu	fy that the in wowledge and nization eith necluding the ocation pursu vineral interectofore ent is a horizontal consent of at the well's communication was a horizontal interest the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of at the co	FICATION  Information con belief; and, if er owns a wor, ant to a contre st, or to a volu- ered by the di ! well, I furthe least one lesse in each tract ( pleted interval ision.	the well is a king interest on hole location of the location o	vertical or cor unleased no or has a riverse of a wo agreement of this organiza a working in pool or forma	lirectional we nineral intere ght to drill the rking interest r a compulsor ation has ation in which the rest or the rest or which in which in which in which in which in which in in the content in t	e I hereby certify ll. st notes of actual is true and con y		tion shown on me or under m	this plat was plotte y supervision, and i	
Signature			Date			Signature and Seal	of Professional Surveyo	or Dat	e	
Print Name						Certificate Number	Date of	of Survey 10/21/2024		
E-mail Address						-		10/21/2027		

C-102	Energy. N	State of New Mexico Minerals & Natural Resources Department		Revised July 9, 2024
abmit Electronically ia OCD Permitting		L CONSERVATION DIVISION		▼ Initial Submittal
			Submittal Type:	Amended Report
			- 7 P C.	As Drilled
perty Name and Well Number		MERCILESS 13 FED COM 224H		
SURFACE LOCATION (SHL)			PRO	POSED PERF. POINT (PPP2)
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	X=756859.24 Y=414557.20 	X=759515.42	PRO BOT	POSED 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 103.6333837  2639' FSL 999' FWL  POSED 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 32.1122673  LONG.: W 103.6333858  1320' FSL 994' FWL  DWER MOST PERF. (LMP)  TOM HOLE LOCATION (BHL)  NEW MEXICO EAST  NAD 1983  X=757943 Y=398826  LAT.: N 32.0945209  LONG.: W 103.63338685  NAD 1927  X=716757 Y=398768  LAT.: N 32.0943962  LONG.: W 103.6333962  100' FSL 994' FWL
		3300 NMNM-110836 X=762246.74 Y=401419.13		
	26 35 X=756949.77 — Y=398713.27	36 36 3 X=769612.13 X=762263.26 Y=398778.54	1 I hereby plat was made by same is 10/21/2	
ased to Imaging: 7/8/2025 2:32		 		

<u>C-102</u>			Energy		State of Nev Is & Natura		Department		Revise	ed July 9, 2024
Submit Electroni Via OCD Permit						ION DIVIS			Initial Submittal	
								Submittal	X   Amended Report	
								Type:	As Drilled	
		W	ELL LO	CATIO	N AND AC	REAGE DE	EDICATION	PLAT		
API Number 30-025-5	54337		Pool Code Sec	tions 13 and	24: 97784 Pool N	ame Sections 13 ar	nd 24: WC-025 G-0	6 S253201M;	UPPER BONE SPR	ξ.
Property Code			Property Name	1	MERCILESS	3 13 FED CO	M		Well Number	301H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	<b>).</b>		Ground Level Elev	ation 3494'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	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
В	13	25-S	32-E	-	646' N	1328' E	N 32.13606	39 W 1	03.6241813	LEA
						le Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude		Longitude	County
Р	25	25-S	32-E	-	100' S	480' E	N 32.09458	808   W 1	03.6214689	LEA
Dedicated Acres	Infill on Def	ining Well Defin	ing Well ADI			Overlapping Spacing	Unit (V/N)	Consolida	ed Code	
1280.00	INFI	-	NDING			Overlapping Spacing	Y	Consolida	C	
Order Numbers (	COMM AG	REEMEN	T PENDIN	NG: NSP I	PENDING	Well Setbacks are un	nder Common Ownershi	p: Yes N	0	
					Kick Off P	Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitude		Longitude	County
Α	13	25-S	32-E	-	177' N	480' E	N 32.13736	550 W 1	03.6214407	LEA
					First Take	Point (FTP)				
UL or lot no.	Section	Township	Range	Lot Idn		Feet from the E/W	Latitude		Longitude	County
Α	13	25-S	32-E	-	177' N	480' E	N 32.13736	50 W 1	03.6214407	LEA
		•	!	!	Last Take	Point (LTP)		'		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitude		Longitude	County
Р	25	25-S	32-E	-	100' S	480' E	N 32.09458	808 W 1	03.6214689	LEA
Unitized Area or A	rea of Uniform I	ntrest		Spacing Unity	Туре		Ground	Floor Elevation		
	COMM	AGMT			X Horizont	al Vertical			3519'	
I hereby certi- best of my kr that this orga- in the land i- well at this li- or unleased m pooling order If this well i- received The c- unleased min	fy that the in wowledge and nization eith natural interest interest a horizontal consent of at well's comment to the well's comment of the well-served or well-ser	belief; and, if er owns a worn and to a contro st. or to a volviered by the dil well, I furthe least one lesse in each tract (pleted interval	the well is a king interest on hole location of the location o	vertical or cor unleased ri or has a ri uner of a wo agreement o this organiz a working in pool or formo		I hereby certify notes of actual	RS CERTIFICA  that the well loca surveys made by r rect to the best of	tion shown on ne or under m	this plat, was polotic y supervision, and the second secon	a from field high, the same
Signature Date						Signature and Seal	of Professional Surveyo	r Dat	:	
Print Name						Certificate Number	Date o	f Survey 12/16/2024		
E-mail Address								_, . 5, _ 0 _ 1		

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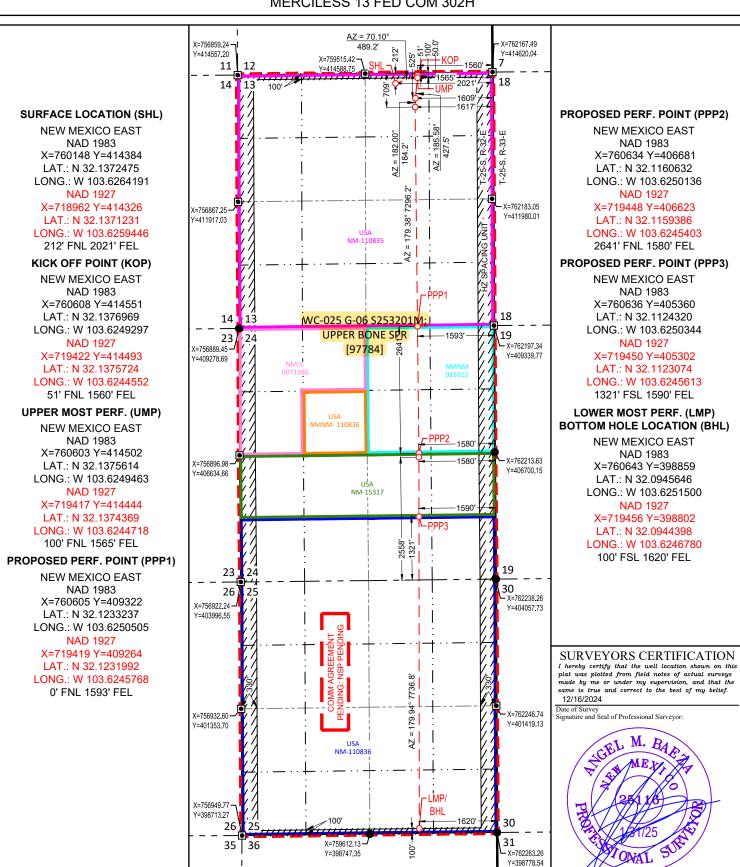
			- 18
C-102 Submit Electronically	State of New Mexico Energy, Minerals & Natural Resources Departmen	nt	Revised July 9, 2024
Via OCD Permitting	OIL CONSERVATION DIVISION	a.1	Initial Submittal
		Submittal Type:	X Amended Report
		31	As Drilled
Property Name and Well Number		•	
	MERCILESS 13 FED COM 301H		
		62167.49	



<u>C-102</u>			Energy		State of New ls & Natura		Department		Revise	ed July 9, 2024
Submit Electroni Via OCD Permit			0,	*		ION DIVIS			Initial Submittal	
								Submittal	X Amended Report	
								Type:	As Drilled	
		W	ELL LC	CATIO	N AND AC	REAGE DI	EDICATION	PLAT		
API Number 30-025-5	3440		Pool Code Sec	tions 13 and	24: 97784 Pool N	Name Sections 13 and 24: WC-025 G-06 S253201M; UPPER BONE				R
Property Code			Property Name	1	MERCILESS	3 13 FED CO	302H			
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	<b>).</b>		Ground Level Elev	ation 3495'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	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
В	13	25-S	32-E	-	212' N	2021' E	N 32.13724	.75 W 1	03.6264191	LEA
						le Location			•	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude		Longitude	County
0	25	25-S	32-E	-	100' S	1620' E	N 32.09456	46   W 1	03.6251500	LEA
Dedicated Acres	Infill on Dof	ning Well Defin	ing Wall ADI			Overlapping Spacing	. Unit (V/N)	Consolidat	ad Codo	
1280.00	INFI		NDING			Overlapping spacing	Y	Collsolidai	C	
				NG: NSP	PENDING	Well Setbacks are ur	nder Common Ownershi	n: Tyes TN		
oraci rvaniscis	OOMINI AC	JIKELIVILI	II I LIVOII	10.1101		!	act common o wholen	p		
UL or lot no.	Section	Township	Range	Lot Idn	K1CK Off P	Point (KOP)  Feet from the E/W	Latitude		Longitude	County
В	13	25-S	32-E	_	51' N	1560' E	N 32.13769	<sub>169</sub>   <sub>W 1</sub>	03.6249297	LEA
								1		
UL or lot no.	G	Township	D	Lot Idn		Point (FTP)  Feet from the E/W	Latitude		Longitude	Ct
B B	Section 13	25-S	Range 32-E	Lot Idii	100' N	1565' E	N 32.13756	.14   W 1	03.6249463	County LEA
	13	20-0	32 <b>-</b> L		100 14	1303 L	14 32.137 30	714   77 1	03.0249403	
				1		Point (LTP)			· · · ·	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude		Longitude	County
0	25	25-S	32-E	-	100' S	1620' E	N 32.09456	946   W 1	03.6251500	LEA
Unitized Area or A	CH 'C I			la : 11 %	T		la u			
Unitized Area or A	COMM.			Spacing Unity	Horizont	al Vertical	Ground I	Floor Elevation	3520'	
ODEDATO	OR CERTII	EIC A TION				l subveyou	RS CERTIFICA	LION		
I hereby certi best of my kr that this orga in the land i well at this l or unleased m pooling order If this well is	fy that the ir nowledge and nization eithencluding the ocation pursuance interest heretofore entered a horizontal	formation combelief; and, if er owns a wori proposed botton int to a contro ered by the di well, I furthe	the well is a king interest a hole location out with an or untary pooling vision.  r certify that	vertical or of or unleased reports or has a rise where of a work agreement of this organization.		I hereby certify notes of actual		tion shown on ne or under m	this play well playing a semiportision, and ME 1/25/1/16	d from field that the same
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.							75	1000 1000 1000 1000 1000 1000 1000 100	J. C. C. C. C. C. C. C. C. C. C. C. C. C.	
Signature			Date			Signature and Seal	of Professional Surveyor	r Date	е	
Print Name						Certificate Number	Date of	Survey 12/16/2024		
E-mail Address								12/10/2024		

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C-102 Submit Electronically	State of New Mexico Energy, Minerals & Natural Resources Departme	ent	Revised July 9, 2024
Via OCD Permitting	OIL CONSERVATION DIVISION		Initial Submittal
		Submittal Type:	Amended Report
		31	As Drilled
Property Name and Well Number			
	MERCILESS 13 FED COM 302H		
	AZ = 70.10°	v 700407.40	



<u>C-102</u>			Energy		State of New Is & Natura	Mexico l Resources	Department		Revise	ed July 9, 2024
Submit Electronic Via OCD Permitt						ION DIVIS			X Initial Submittal	
								Submittal Type:	Amended Report	
								Type.	As Drilled	
		W	ELL LC	ELL LOCATION AND ACREAGE DEDICATION PLAT						
API Number 30-025-			Pool Code SEC	TIONS 13 & 2	24: 97784 Pool Na	ame SECTIONS	S 13 & 24: WC-	025 G-06 S25	3201M: UPPER B	ONE SPRING
Property Code			Property Name	ı	MERCILESS	3 13 FED CO	Well Number	303H		
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	<b>)</b> .		Ground Level Elev	ation 3489'
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Triba	l X 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
С	13	25-S	32-E	-	786' N	2029' W	N 32.1356	6496   W 1	03.6304930	LEA
					Bottom Ho	le 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 32.0945	5479   W 1	03.6288311	LEA
Dedicated Acres	Infill or Def	ining Well Defini	ng Well API			Overlapping Spacing	Unit (V/N)	Consolida	ited Code	
1280.00	INFI		NDING			Overlapping Spacing	Y	Consonua	C	
Order Numbers	11111	NSP AND		ENDING		Wall Sathacks are un	der Common Owners	hin: DVas DN		
Order Ivalibers		NOF AND	COW # P	LINDING		l .	ider Common Owners	smp. Lites Lit		
UL or lot no.	Section	Township	Range	Lot Idn	Kick Off P	oint (KOP) Feet from the E/W	Latitude	- 1	Longitude	County
C	13	25-S	32-E	Lot Idii	50' N	2549' W	N 32.1376	8816   W 1	103.6288061	LEA
	10	200	02 L		00 11	2040 11	14 02.107	7010   11	100.0200001	
***		I m 1:		I x . x 1	First Take		Y 25 1		<u> </u>	
UL or lot no.	Section 13	Township 25-S	Range 32-E	Lot Idn	Feet from the N/S	2549' W	Latitude N 32.1375	5441 \ \\\ 1	Longitude 103.6288062	County <b>LEA</b>
C	13	23-3	32-E	_	100 14	2349 VV	N 32.137	7441   ٧٧	103.0200002	
					Last Take 1	<u> </u>				
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 32.0945	5479   W 1	103.6288311	LEA
Unitized Area or A		ntrest AREA NSF	)	Spacing Unity	Type Horizonta	al Vertical	Groun	d Floor Elevation	3514'	
- 01	1112227	TI TE TI TI TI TI TI TI TI TI TI TI TI TI TI		1						
I hereby certi best of my kn that this orga in the land in well at this le or unleased m pooling order If this well is	fy that the incovered and nization either cluding the scation pursuance interest hereto fore entered a horizontal	belief; and, if er owns a work proposed botton ant to a contro st, or to a volvered by the di	the well is a cing interest a hole location oct with an octatary pooling vision.  r certify that	vertical or coor unleased no or has a riwner of a wo agreement o	r a compulsory ation has	I hereby certify notes of actual		cation shown on me or under m	this plat was plotte ny supervision, and	
unleased mine	eral interest a he well's com	pleted interval	in the target	pool or forma	uterest or tition) in which l a compulsory	Signature and Seal	of Professional Surve	yor Da	te	
Print Name						Certificate Number	Date	of Survey		
E-mail Address								10/21/2024		

C-102	Energy, 1		of New I Natural I		Department		Revised July 9, 2024
ubmit Electronically ia OCD Permitting		L CONSEI					▼Initial Submittal
						Submi Type:	Amended Report
						7,700.	As Drilled
perty Name and Well Number		MERCILE	SS 13 F	ED COM	303H		
SURFACE LOCATION (SHL)						Р	PROPOSED PERF. POINT (PPP2)
NEW MEXICO EAST							NEW MEXICO EAST NAD 1983
NAD 1983 X=758891 Y=413795							X=759448 Y=407987
LAT.: N 32.1356496 LONG.: W 103.6304930							LAT.: N 32.1196766 LONG.: W 103.6288166
NAD 1927							NAD 1927
X=717705 Y=413737 LAT.: N 32.1355252							X=718262 Y=407930 LAT.: N 32.1195520
LONG.: W 103.6300184	X=756859.24 ¬	 	5				LONG.: W 103.6283430 1321' FNL 2554' FWL
786' FNL 2029' FWL KICK OFF POINT (KOP)	Y=414557.20	l I	]. 	X=759515.42 Y=414588.75	X=762167.49 \(\square\) Y=414620.04		PROPOSED PERF. POINT (PPP3)
NEW MEXICO EAST	11	2549'	50.0'	/ / / / / / / / / / / / / / / / / / /	12\\ 7		NEW MEXICO EAST
NAD 1983 X=759408 Y=414537	14	100' 2549'	982	108' UMP	13 1 : // 13 1	8	NAD 1983 X=759456 Y=406666
LAT.: N 32.1376816		2029'		100	!		LAT.: N 32.1160446
LONG.: W 103.6288061 NAD 1927		<b>/</b> / <b>i</b>	SHL J	<u> </u> 	· 		LONG.: W 103.6288187 NAD 1927
X=718222 Y=414479			= 34.86° 905.0'				X=718270 Y=406608 LAT.: N 32.1159200
LAT.: N 32.1375572 LONG.: W 103.6283315		<i>//</i> !			· v		LONG.: W 103.6283453
50' FNL 2549' FWL		i i		<u> </u>	X=762183.05 Y=411980.01	_	2641' FSL 2559' FWL
UPPER MOST PERF. (UMP) NEW MEXICO EAST	X=756867.25	, /1 · · ·				'	PROPOSED PERF. POINT (PPP4) NEW MEXICO EAST
NAD 1983	Y=411917.03	(% i	NMNM	  -  110835	i Y/		NAD 1983 X=759464 Y=405345
X=759408 Y=414487 LAT.: N 32.1375441			- 1		; //		LAT.: N 32.1124141
LONG.: W 103.6288062		<del>/</del> /j·-·+	— 7	<del> </del> —	+··-·///		LONG.: W 103.6288208 NAD 1927
NAD 1927 X=718223 Y=414429		(4 i		İ	X=762197.34		X=718277 Y=405288
LAT.: N 32.1374197	14	2550; <mark>W</mark>	/c-0251g.o	6 S253201M;	Y=409339.77   \\ 13\ 1	.8	LAT.: N 32.1122895 LONG.: W 103.6283476
LONG.: W 103.6283316 100' FNL 2549' FWL	23/ X=756889.45	(/) ju	PPER BON	SPR [97784]	24/1	.9	1321' FSL 2554' FWL
ROPOSED PERF. POINT (PPP1)	X=756889.45/ Y=409278.69	( ) :	USA CT   1321,-211				LOWER MOST PERF. (LMP) SOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST NAD 1983		2554	ILC-71986 🛨	,	лет — Ущи —		NEW MEXICO EAST
X=759440 Y=409309 LAT.: N 32.1233086		<del>//</del> j— ::: <b>_</b>	<u></u>	- · · · — · NI -PPP2	.5912 / v. / v.	î l	NAD 1983 X=759503 Y=398846
LONG.: W 103.6288145		<b>/</b> /j '	NMNM-110836		: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	í	LAT.: N 32.0945479
NAD 1927 X=718254 Y=409251		<b>(</b> /)			X=759612.13 Y=398747.35		LONG.: W 103.6288311 NAD 1927
LAT.: N 32.1231841	]	2559'-		PPP3	1 //		X=718316 Y=398788
LONG.: W 103.6283407 0' FSL 2550' FWL	X=756896.98 —/ Y=406634.66	(2) i	US MMMM	sÅ	i 7/1		LAT.: N 32.0944232 LONG.: W 103.6283590
		(4)	2641	PPP4	: V/		100' FSL 2554' FWL
		2554'-			:		
		Vá i	1321'—	lj	X=762238.26		
	22	<b>V</b> / i	13		Y=404057.73	19	
	$\frac{23}{36}$	<del>*/</del> <del>-  </del>	1_1_	<del> </del>	<del>                                     </del>	30 -	
	X=756922.24 Y=403996.55	<b>Y</b> -1 :	l		; <u> </u>		
			15641.8		! ½ <b>%</b>		
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		<u> </u>	<del> </del>		
		HZ SP.	= 179.6	NMNM-110836			
			AZ =		X=756949.77		
		# +			Y=398713.27		
	X=756932.60 -/ Y=401353.70			li li			
	1-401333.70	SP			· ///		
		<u></u> <u></u> <u></u>		 	<u> </u>		
		<b>1</b> /2 :	11151	ı¦			
		<b>1</b> // :	LMP/ \ BHL				URVEYORS CERTIFICATION
		(a) <del>/ // // // // // // // // // // // // </del>		109'	<del>/////////////////////////////////////</del>	$\frac{30}{}$ $ \begin{vmatrix} I & P \\ pla \end{vmatrix}$	ereby certify that the well location shown on that was plotted from field notes of actual survey:
	35	36	100,	X=759612.13	X=762263.26	san	de by me or under my supervision, and that the ne is true and correct to the best of my belief. 0/21/2024
	X=756949.77 - Y=398713.27	'I I		Y=398747.35	Y=398778.54	Date	e of Survey nature and Seal of Professional Surveyor:
		1 1					
		I I					
						_	
sed to Imaging: 7/8/2025 2:32	PAD GM				•		

<u>C-102</u>			Energy		State of Nev	v Mexico l Resources	Denartment		Revise	ed July 9, 2024
Submit Electroni Via OCD Permit			~ ~ ~			ION DIVIS				
				012 001				Submittal	Amended Report	
								Type:	As Drilled	
			<u> </u> /FIT T.C	CATIO	NI AND AC	DEACE DI	EDICATION	DIAT	As Diffied	
API Number		V	Pool Code		Pool N		EDICATION		3201M: UPPER BO	ONE CODING
30-025-			SEC	TIONS 13 &	24: 97784	SECTION	5 13 & 24: WC-02	25 G-06 S253	320 IMI: UPPER BO	JNE SPRING
Property Code			Property Name			2 42 FED CO			Well Number	
OGRID No.			OtN		MERCILESS	3 13 FED CO	VIVI		Ground Level Eleva	304H
OGRID No.	7377		Operator Name		EOG RESO	URCES, INC	`.			3477'
Surface Owner:	State Fee	Tribal X Federal				· · · · · · · · · · · · · · · · · · ·	State Fee Tribal	Federal		
					C C	T				
UL or lot no.	Section	Township	Range	Lot Idn		Location Feet from the E/W	Latitude		Longitude	County
D	13	25-S	32-E	_	754' N	1012' W	N 32.13572	28   W 1	03.6337782	LEA
	10	20-0	0Z-L			ole Location	14 32.13372	.20   ٧٧	03.0337702	
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 32.09452	.99   W 1	03.6321893	LEA
		1	l	1	1			<u> </u>		
Dedicated Acres	Infill or Def	ining Well Defin	ing Well API			Overlapping Spacing	Unit (Y/N)	Consolida	ted Code	
1280.00	INF	LL PE	NDING				Υ		С	
Order Numbers		NSP AND	COM # F	PENDING		Well Setbacks are un	nder Common Ownershij	p: Yes N	o	
					Kick Off F	Point (KOP)				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S		Latitude		Longitude	County
С	13	25-S	32-E	-	50' N	1509' W	N 32.13766	63   W 1	03.6321660	LEA
					First Take	Point (FTP)		•		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	( )	Latitude		Longitude	County
С	13	25-S	32-E	-	100' N	1509' W	N 32.13752	88 W 1	03.6321660	LEA
	<u> </u>		ı		Logt Tales	Daint (I TD)		<b>!</b>		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Point (LTP) Feet from the E/W	Latitude		Longitude	County
N	25	25-S	32-E	_	100' S	1514' W	N 32.09452	99   W 1	03.6321893	LEA
			1	1	1 .00	1				
Unitized Area or A	rae of Uniform l	Intract		Spacing Unity	, Tuna		Ground I	Floor Elevation		
		AREA NSF		Spacing Only	Horizont	al Vertical	Ground	loor Elevation	3502'	
				•			•			
OPER A TO	OR CERTII	FICATION				SURVEYOR	RS CERTIFICA	TION		
I hereby certi	fy that the in	nformation con	tained herein	is true and	complete to the	I hereby certify	that the well locat	tion shown on	this plat was plotted	
that this orga	nization eith	er owns a wor	king interest	or unleased n	directional well, nineral interest ght to drill this		surveys made by n rect to the best of		y supervision, and t	hat the same
well at this le	ocation pursu nineral intere	ant to a contro st, or to a volv	ict with an o intary pooling	wner of a wo	orking interest or a compulsory					
-	-	ered by the di l well, I furthe		this organiz	ation has					
received The cunleased min	consent of at eral interest	least one lesse in each tract (	e or owner of in the target	'a working i pool or form	nterest or ation) in which					
$any part of t \\ pooling order$			will be locate	ed or obtaine	d a compulsory					
Signature			Date			Signature and Seal	of Professional Surveyor	r Dat	e	
515mmme			Date			Signature and Sear	or r totessional suiveyol	. Dat	~	
Print Name						Certificate Number	Date of	Survey		
								10/21/2024		
E-mail Address						1				

C-102 Submit Electronically Via OCD Permitting		State of New Mexico Iinerals & Natural Resources Department CONSERVATION DIVISION	Revised July 9, 202  Submittal Type:  Amended Report  As Drilled
operty Name and Well Number		MERCILESS 13 FED COM 304H	As Drilled
SURFACE LOCATION (SHL)  NEW MEXICO EAST NAD 1983  X=75874 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 103.631660 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' FNL 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 32.123690 LONG.: W 103.6316999 0' FNL 1510' FWL	X=756859.24 Y=414557.20 	1509   12	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 103.6317171 100' FSL 1514' FWL

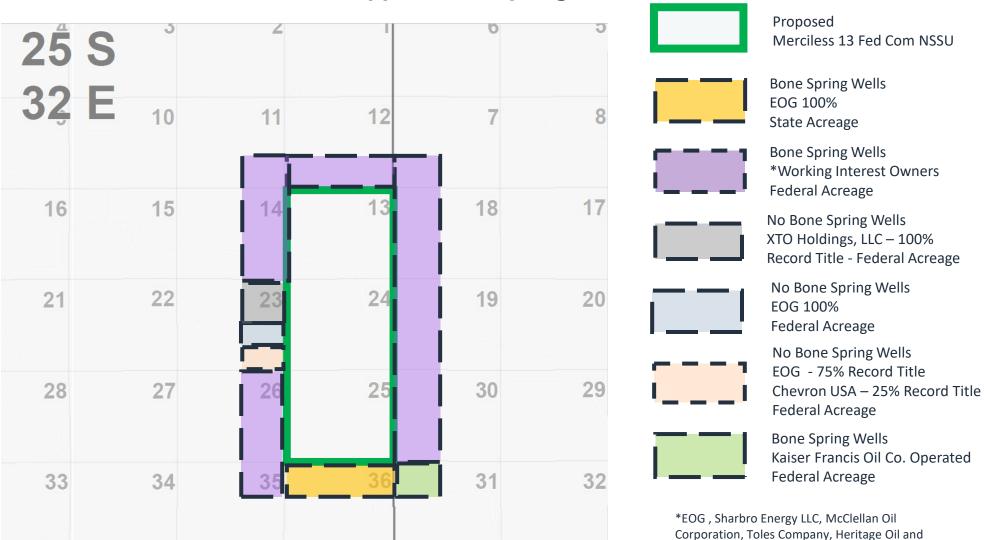
<u>C-102</u>			Energy			ew Mexico ral Resources	Department		Revise	ed July 9, 2024	
Submit Electroni Via OCD Permit			(	OIL CO	NSERVA	TION DIVIS	SION		XInitial Submittal		
								Submittal Type:	Amended Report		
								Type.	As Drilled		
		W	ELL LC	CATIO	N AND A	CREAGE DI	EDICATION	PLAT			
API Number 30-025-				TIONS 13 & 2	24: 97784 Poo	I Name SECTION	S 13 & 24: WC-02	25 G-06 S253	3201M: UPPER B	ONE SPRING	
Property Code			Property Name		MERCILES	SS 13 FED CC	S 13 FED COM				
OGRID No.	7377		Operator Name		EOG RES	OURCES, INC	<b>)</b> .		Ground Level Elev	ation 3477'	
Surface Owner:	State Fee	Tribal X Federal				Mineral Owner:	State Fee Tribal	Federal			
					Surfac	e Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County	
D	13	25-S	32-E		731' N	754' W	N 32.13578	324 W 1	03.6346145	LEA	
						Hole Location		•	•		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County	
M	25	25-S	32-E	-	100' S	330' W	N 32.09450	094   W 1	03.6360120	LEA	
Dedicated Acres	Infill or Def	ining Well Defin	ing Wall ADI			Overlapping Spacing	v Unit (V/N)	Consolida	ted Code		
1280.00	INFI		NDING			Overlapping Spacing	Y	Consonda	C		
Order Numbers		NSP AND	COM # P	ENDING		Well Setbacks are ur	nder Common Ownershi	p: Yes N	o		
					Kick Of	Point (KOP)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N		Latitude		Longitude	County	
D	13	25-S	32-E	-	50' N	330' W	N 32.13764	188 W 1	03.6359738	LEA	
					First Tak	e 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 32.13751	114 W 1	03.6359744	LEA	
					Last Tak	e Point (LTP)					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N	/S Feet from the E/W	Latitude		Longitude	County	
М	25	25-S	32-E	-	100' S	330' W	N 32.09450	)94 W 1	03.6360120	LEA	
Unitized Area or A	rea of Uniform I	Intract		Spacing Unity	Type		Ground	Floor Elevation			
		AREA NSF	•	Spacing cinty	Horiz	ontal Vertical	oreana .	ricor Elevation	3502'		
I hereby certi, best of my kr that this orga in the land i well at this lo or unleased m pooling order  If this well is received The cunleased minu	fy that the in wowledge and nization eith ncluding the ocation pursu vineral interectofore ent is a horizontal consent of at the well's communication was a horizontal interest the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of at the well's communication was a consent of a c	FICATION  Information con belief; and, if er owns a worn proposed botton ant to a contr st, or to a voln ered by the di levell, I furthe least one lesse in each tract ( pleted interval ision.	the well is a king interest on hole location of the location o	vertical or of or unleased right of a wo agreement of this organiza working in pool or formo	directional wel nineral interes ght to drill th rking interest r a compulsor; ation has nterest or ution) in whic	I hereby certify notes of actual t is true and con		tion shown on ne or under m	this plat was plotte y supervision, and t		
Signature			Date			Signature and Seal	of Professional Surveyo	r Dat	e		
Print Name						Certificate Number	Date o	f Survey 10/21/2024			
E-mail Address						_					

C-102 Submit Electronically		Minerals &	e of New Mexico & Natural Resour	ces Departmer	nt		Revised July 9, 202
ia OCD Permitting			ERVATION D				XInitial Submittal
						ıbmittal ype:	Amended Report
monte. Nome and W-II No. 1							As Drilled
perty Name and Well Number		MERCI	LESS 13 FED C	OM 305H			
SURFACE LOCATION (SHL)						PRO	POSED PERF. POINT (PPP2)
NEW MEXICO EAST NAD 1983							NEW MEXICO EAST NAD 1983
X=757615 Y=413835							X=757227 Y=406639
LAT.: N 32.1357824 LONG.: W 103.6346145							LAT.: N 32.1160089 LONG.: W 103.6360170
NAD 1927	!						NAD 1927
X=716429 Y=413777 LAT.: N 32.1356580							X=716041 Y=406581 LAT.: N 32.1158844
LONG.: W 103.6341398	X=756859.24 ¬			V 700407.40			LONG.: W 103.6355434 2639' FSL 330' FWL
731' FNL 754' FWL KICK OFF POINT (KOP)	Y=414557.20	l ,00		515.42 X=762167.49 \\ 588.75 Y=414620.04		DPO	POSED PERF. POINT (PPP3)
NEW MEXICO EAST	11	50.0'		12	7 — –	PRO	NEW MEXICO EAST
NAD 1983 X=757189 Y=414511	KOP 330'-		100'	13 · · · · · · · · · · · · · · · · · · ·	18		NAD 1983 X=757240 Y=405319
LAT.: N 32.1376488	UMP——		I i	$1 \frac{V}{2}$			LAT.: N 32.1123824
LONG.: W 103.6359738 NAD 1927	754	//   SHL	: Li	:	ļ		LONG.: W 103.6360038 NAD 1927
X=716004 Y=414453		AZ = 32 798.		! V7 : '//	Į.		X=716054 Y=405262
LAT.: N 32.1375244 LONG.: W 103.6354990		\	I į	X=762183.05 - Y=411980.01	l		LAT.: N 32.1122578 LONG.: W 103.6355304
50' FNL 330' FWL		//	:	: 1-411900.017	Ļ		1319' FSL 330' FWL
UPPER MOST PERF. (UMP)	J						OWER MOST PERF. (LMP) TOM HOLE LOCATION (BHL)
NEW MEXICO EAST NAD 1983	X=756867.25/ Y=411917.03	(/)	NMNM-110835	i 7/2			NEW MEXICO EAST
X=757190 Y=414461 LAT.: N 32.1375114		(/)	:	1 7/3			NAD 1983 X=757279 Y=398817
LONG.: W 103.6359744		<u></u>	+ · · – · · + · · –	-··+··—·//	•		LAT.: N 32.0945094
NAD 1927		(/)	:	X=762197.34 x			LONG.: W 103.6360120 NAD 1927
X=716004 Y=414403 LAT.: N 32.1373870	1.0	CPPP1		Y=409339.77 ( )	18		X=716093 Y=398760
LONG.: W 103.6354995 100' FNL 330' FWL	$\frac{14}{33}$	7, 7-PPP1 4-7 330'	WC-025 G-06 S2532 UPPER BONE SP	<u> </u>	18 – 19		LAT.: N 32.0943847 LONG.: W 103.6355397
ROPOSED PERF. POINT (PPP1)	X=756889.45 Y=409278.69	330	[97 <mark>7</mark> 84]		13		100' FSL 330' FWL
NEW MEXICO EAST	1-400210.00	(/)	NMLC-71986		냋		
NAD 1983 X=757219 Y=409283		/ <u>/</u> ]	·	USA   \(\frac{7}{8}\) NMNM	, R-33-E		
LAT.: N 32.1232764		(/)	NMNM-110836		-25-S,		
LONG.: W 103.6359861 NAD 1927		//	NVINIVI 110050		F		
X=716034 Y=409225 LAT.: N 32.1231519	330'-	PPP2		(,)			
LONG.: W 103.6355121	X=756896.98			X=762213.63 Y=406700.15			
0' FSL 330' FWL	Y=406634.66	39.	USA NMNM-15317	! (//	)		
		(1)		i <i>V.</i> /			
	330'-	-PPP3		1/2	ł		
		1319.	!	<u> </u>			
	23	<u> </u>	i	24	19		
	26/ X=756922.24			X=762238.26 25 Y=4040557.73 25	30		
	X=756922.24 — Y=403996.55	<b>1</b>	: DING	i V	1		
		15643.9'	. DE W	: YE	)		
			- WO				
		= 179.67°	NMNM-110836	· – .	l		
		Ϋ́	S G S	: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ļ		
		<b>-</b>	+- <b></b>	X=762246.74 Y=401419.13	<u>*</u>		
	X=756932.60 —/ Y=401353.70	(80)	i	i X	<u> </u>		
		1/2		: [/\\]	1		
		<u>-</u>	<u> </u>	$\cdots \xrightarrow{i} \cdots - \cdots \stackrel{i}{\nearrow} \stackrel{i}{\nearrow}$	1		
		/ / LMP/ BHL	İ		1	-	
	30	330'	100'	: '// 25	30		VEYORS CERTIFICATION
	$\frac{26}{35}$	<b>☆</b> / <del>◇</del> ∤ <i></i> /-	1 1	<del></del> / <del></del> / <del></del> /36	<del>-</del> -	plat wa made by	s plotted from field notes of actual surveys y me or under my supervision, and that th
	35 X=756949.77 <b>—</b>	00,		9612.13 X=762263.26	1	same is 10/21/	true and correct to the best of my belief. 2024
	Y=398713.27	I	1-35	3/4/.35 Y=398778.54		Date of Su Signature	urvey and Seal of Professional Surveyor:
		1					
		1					
		I I					
						4	
sed to Imaging: 7/8/2025 2:32	153 PM					1	

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

EXHIBIT
C

Gas, LLC, OXY Y-1



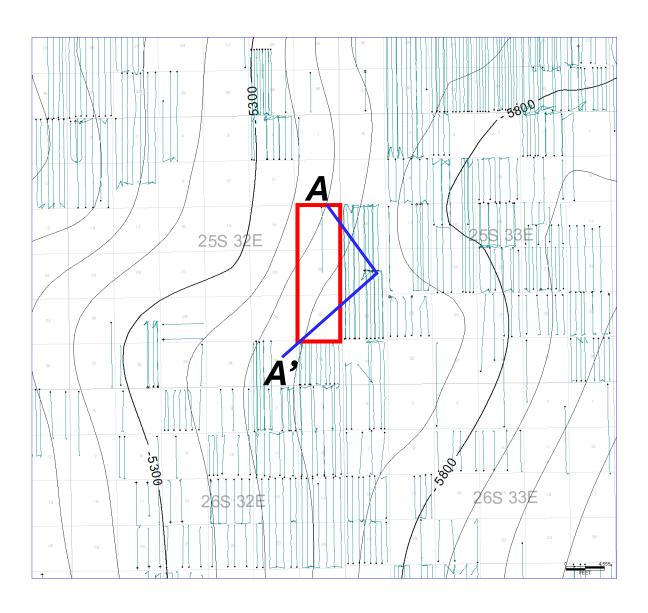
# Merciless NSSU Geology

EXHIBIT **E** 

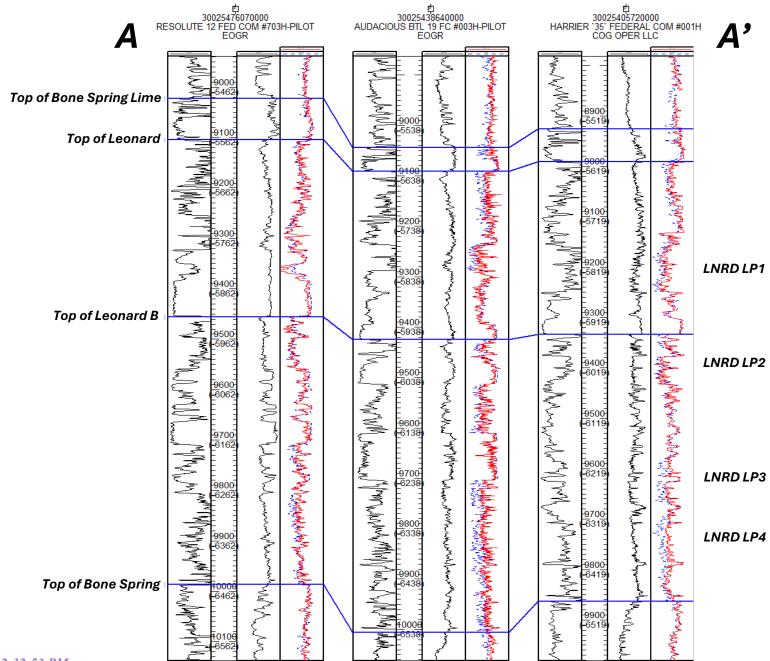
31	32	33	34	35	36	31	32		34	35
6		4	3		1	6		4	3	2
7	8	9					8	9		11
18		16	15 25S 32	14 2F	13	18		16	25S 33	3E 14
19		21	22	23	24	19				
30	29	28		26	25	30	29	28		26
31	32		34	35	36	31	32		34	35
6	5	4	3	2	1	6	5	4	3	
7	8	9				7	8	9		
18		16	26S <sup>15</sup> 3	2E 14		18		16	26S <sup>1</sup> 3	3E 14
										0 3,796 FEET

## Received by OCD: 4/15/2025 5:18:11 PM Leonard Structure Map

Contour Interval: 100' SSTVD All Leonard Wells



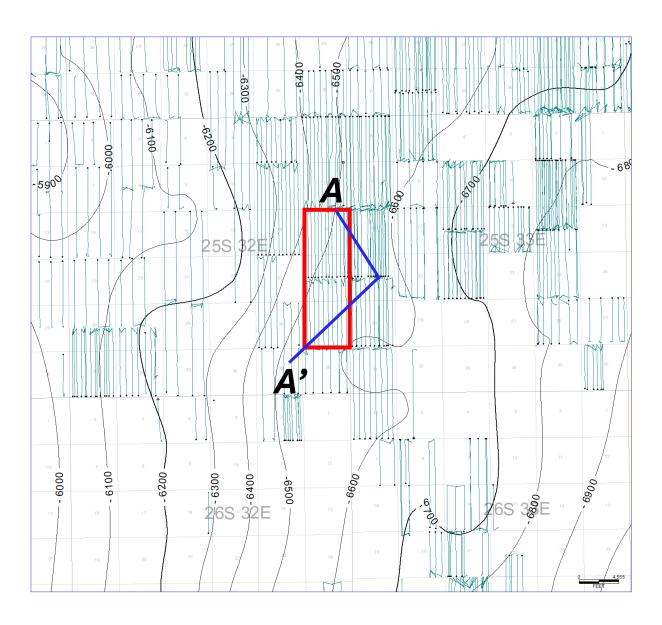
Received by OCD: 4/15/2025 5:18:11 PM



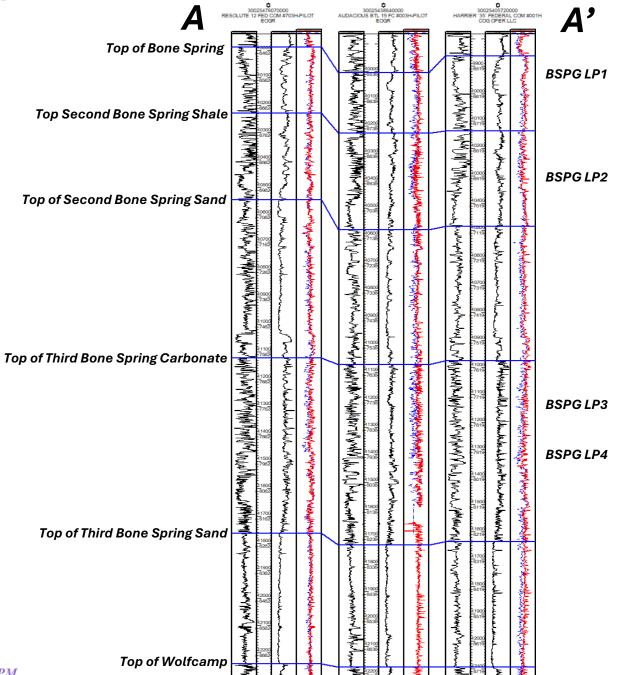
Received by OCD: 4/15/2025 5:18:11 PM Bone Spring Structure Map

Contour Interval: 100'
SSTVD

All Bone Spring Wells



Released to Imaging: 7/8/2025 2:32:53 PM



Attn: Mr. Jonathon Shepard, 1220 South St. Francis Drive	Santa Fe	NM	87505
620E. Green Street	Carlsbad	NM	88220
301 Dinosaur Trail	Santa Fe	NM	87508
Attn: Scott Dawson, 310 Old Santa Fe Trail	Santa Fe	NM	87501
5509 Champions Dr	Midland	TX	79706
PO Box 100	Artesia	NM	88211
22777 Springwoods Village Pkwy	Spring	TX	77389
PO Box 730	Roswell	NM	88202-0730
PO Box 840	Artesia	NM	88211-0840
C/O Cimarex Energy Co., 202 South Cheyenne Avenue	Tulsa	OK	74103
PO Box 1300	Roswell	NM	88202-1300
5 Greenway Plaza	Houston	TX	77046
PO Box 21468	Tulsa	OK	74121
22777 Springwoods Village Pkwy	Spring	TX	77389
6301 Deauville	Midland	TX	79706-2964
	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	620E. Green Street  301 Dinosaur Trail  Attn: Scott Dawson, 310 Old Santa Fe Trail  5309 Champions Dr  Midland  PO Box 100  Artesia  22777 Springwoods Village Pkwy  PO Box 730  Roswell  PO Box 840  C/O Cimarex Energy Co., 202 South Cheyenne Avenue  PO Box 1300  Roswell  5 Greenway Plaza  PO Box 21468  Tulsa  22777 Springwoods Village Pkwy  Spring	620E. Green Street  301 Dinosaur Trail  Attn: Scott Dawson, 310 Old Santa Fe Trail  5509 Champions Dr  PO Box 100  Artesia  NM  22777 Springwoods Village Pkwy  PO Box 730  Roswell  PO Box 840  C/O Cimarex Energy Co., 202 South Cheyenne Avenue  PO Box 1300  Roswell  NM  5 Greenway Plaza  PO Box 21468  Tulsa  OK  22777 Springwoods Village Pkwy  Spring  TX  FO Box 21468  Tulsa  OK  Spring  TX  FO Box 21468  Tulsa  OK  Spring  TX  Spring  TX  FO Sox 21468  Tulsa  OK  Spring  TX  Spring  TX  FO Sox 21468  Tulsa  OK  Spring  TX  Spring  TX  Spring  TX  Spring  TX  Spring  TX  Spring  TX  Spring  TX

**EXHIBIT** 



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

April 15, 2025

#### <u>VIA CERTIFIED MAIL</u> 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 WC-025 G-06 S253201M; Upper Bone Spring [97784] (Section 13 and 24), 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,

Paula M. Vance **ATTORNEY FOR** 

EOG RESOURCES, INC.

#### EOG - Merciless NSP Postal Delivery Report

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

#### EOG - Merciless NSP Postal Delivery Report

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

Received by OCD: 4/15/2025 5:18:11 PM

#### EOG - Merciless NSP Postal Delivery Report

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

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 452485

#### **CONDITIONS**

Operator:	OGRID:		
EOG RESOURCES INC	7377		
5509 Champions Drive	Action Number:		
Midland, TX 79706	452485		
	Action Type:		
	[UF-NSP] Non-Standard Proration (NSP)		

#### CONDITIONS

Created By	Condition	Condition Date
llowe	<u> </u>	