

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Melanie A. Kenderdine
Deputy Secretary – Designate

Ben Shelton
Deputy Secretary (Acting)

Gerasimos “Gerry” Razatos
Division Director (Acting)
Oil Conservation Division



Mike Gregory
mgregory@freedomenergy

Administrative Order NSP – 2246

ADMINISTRATIVE NON-STANDARD HORIZONTAL SPACING UNIT

Flat Creek Resources, LLC [OGRID 374034]
Cardigan Federal Com Well No. 132H [30-015-56003]
Cardigan Federal Com Well No. 133H [30-015-56004]
Cardigan Federal Com Well No. 134H [30-015-56005]
**SW/4, S/2 NW/4 SEC 13, S/2, S/2 N/2 SEC 14, & SE/4, S/2 NE/4 SEC 15, T19S R27E,
Eddy County, N.M.**

Reference is made to your application received on January 17th, 2025.

You have requested approval of a non-standard horizontal spacing unit to be included in your proposed horizontal spacing unit, as follows:

Proposed Horizontal Spacing Unit:

Description	Acres	Pool	Pool Code
SW/4, S/2 NW/4 SEC 13	960	Winchester; Bone Spring, West	97569
S/2, S/2 N/2 SEC 14			
SE/4, S/2 NE/4 SEC 15			

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 both sections, as required by Rule 19.15.16.15(B)(1)(C) NMAC.

NSP - 2246
Flat Creek Resources, LLC
Page 2 of 2

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 Eddy 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 being excluded.

You have requested this non-standard horizontal spacing unit to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks and pipelines, and promote effective well spacing. This approval will prevent waste within the proposed spacing unit within the SW/4, S/2 NW/4 SEC 13, S/2, S/2 N/2 SEC 14 and the SE/4, S/2 NE/4 SEC 15 underlying the Bone Spring formation.

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 horizontal spacing unit. The additional well(s) shall be designated to the same horizontal spacing unit and pool/formation. Submit a Change of Plans to the OCD's permitting website. Once submitted, email the Action ID number to the following e-mail address: ocd.engineer@emnrd.nm.gov of notice for additional wells.

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.

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



Gerasimos Razatos
Division Director (Acting)
GR/lrl

Date: 3/6/2025

NSP - 2246

Revised March 23, 2017

ID NO. 421989

RECEIVED: 01/17/25	REVIEWER:	TYPE:	APP NO: pLEL2502249646
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

Applicant: Flat Creek Resources, LLC **OGRID Number:** 374034
Well Name: Cardigan Fed Com 132H, 133H and 134H **API:** 30-015-XXXXX
Pool: WINCHESTER; BONE SPRING, WEST **Pool Code:** 97569

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

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

A. Location – Spacing Unit – Simultaneous Dedication

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

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

[I] Commingling – Storage – Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

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

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

2) **NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☒ Offset operators or lease holders
 B. ☐ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

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

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

Mike Gregory

Print or Type Name

Mike Gregory

Signature

Digitally signed by Mike Gregory
 Date: 2025.01.17 13:49:40 -06'00'

1/17/2025

Date

817-310-8570

Phone Number

mgregory@freedomenergy.com

e-mail Address



January 14, 2025

SENT VIA CERTIFIED MAIL

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
Attn: Mr. Leonard Lowe, Petroleum Engineer

RE: Application for Non-Standard Proration Unit
Cardigan Fed Com 132H, 133H and 134H Wells
Horizontal Spacing Unit (the "HSU"):
Section 13, 19S-27E (SW4 & S2 NW4),
Section 14, 19S-27E (S2 & S2 N2), &
Section 15, 19S-27E (SE4 & S2 NE4)
Eddy County, New Mexico, containing 960 acres

Dear Mr. Lowe,

Pursuant to 19.15.16.15(B)(5) Flat Creek Resources, LLC's ("**Flat Creek**") respectfully requests administrative approval of a non-standard proration unit for the following horizontal oil wells in the Winchester; Bone Spring, West pool (97569) (the "**Wells**"):

- **Cardigan Fed Com 132H (API No. 30-015-56003)**
Surface Hole Location: 2,083' FSL and 1,766' FWL of Section 13, 19S-27E
First Take Point: 1,652' FNL and 2,567' FWL of Section 13, 19S-27E
Last Take Point: 1,730' FNL and 2,547' FEL of Section 15, 19S-27E
- **Cardigan Fed Com 133H (API No. 30-015-56004)**
Surface Hole Location: 2,053' FSL and 1,766' FWL of Section 13, 19S-27E
First Take Point: 1,978' FSL and 2,548' FWL of Section 13, 19S-27E
Last Take Point: 1,883' FSL and 2,545' FEL of Section 15, 19S-27E
- **Cardigan Fed Com 134H (API No. 30-015-56005)**
Surface Hole Location: 2,023' FSL and 1,765' FWL of Section 13, 19S-27E
First Take Point: 478' FSL and 2,531' FWL of Section 13, 19S-27E
Last Take Point: 383' FSL and 2,543' FEL of Section 15, 19S-27E

The Wells and HSU are included in OCD Case No. 25053 for compulsory pooling which was presented by affidavit on January 9, 2025.

Flat Creek seeks administrative approval of a non-standard spacing unit to develop the HSU as a single communitized area. Doing so allows Flat Creek to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks and pipelines, and promote effective well

NSP Application – Cardigan Unit
January 14, 2025
Page 2 of 2

spacing, thereby promoting conservation and preventing waste. A single surface facility also reduces emissions from multiple tank batteries. The N/2 N/2 of the sections included in this HSU are being excluded because i) Flat Creek owns a minority interest in that spacing unit at this time and ii) another working interest owner currently owning a larger interest than Flat Creek has requested to operate that spacing unit.

Enclosed you will find the Well Location and Acreage Dedication Plat (C-102) for each Well, a plat showing the notice tracts for the proposed non-standard spacing unit, and the notice letter delivered to all affected parties along with a copy of this application.

If you have any questions concerning this application, you may contact me at (817) 310-8572 or mgregory@freedomenergy.com.

Sincerely,

Flat Creek Resources, LLC

A handwritten signature in blue ink, appearing to read "Mike Gregory".

Mike Gregory, CPL
Vice President - Land

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-56003	Pool Code 97569	Pool Name WINCHESTER; BONE SPRING, WEST
Property Code	Property Name CARDIGAN FED COM	Well Number 132H
OGRID No. ----	Operator Name FLAT CREEK RESOURCES, LLC.	Ground Level Elevation 3479'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
K	13	19-S	27-E	-	2083' S	1766' W	N 32.6587959	W 104.2351447	EDDY

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
G	15	19-S	27-E	-	1728' N	2632' E	N 32.6631877	W 104.2666819	EDDY

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
Order Numbers			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	13	19-S	27-E	-	1651' N	2652' W	N 32.6629740	W 104.2323484	EDDY

First Take Point (FTP)

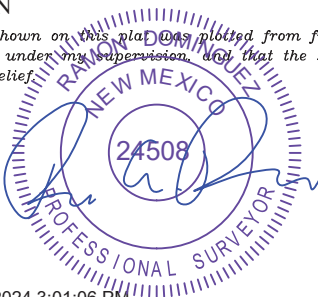
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	13	19-S	27-E	-	1652' N	2567' W	N 32.6629757	W 104.2326247	EDDY

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
G	15	19-S	27-E	-	1730' N	2547' E	N 32.6631860	W 104.2664055	EDDY

Unitized Area or Area of Uniform Intrest	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation ----
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OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>		SURVEYORS CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 02/01/2024
E-mail Address _____			



12/12/2024 3:01:06 PM

C-102
Submit Electronically
Via OCD Permitting

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

Revised July 9, 2024

Submittal Type:
☐ Initial Submittal
☐ Amended Report
☐ As Drilled

Property Name and Well Number

CARDIGAN FED COM 132H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=571555 Y=603415
LAT.: N 32.6587959
LONG.: W 104.2351447

NAD 1927
X=530375 Y=603353
LAT.: N 32.6586797
LONG.: W 104.2346344
2083' FSL 1766' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=572414 Y=604936
LAT.: N 32.6629740
LONG.: W 104.2323484

NAD 1927
X=531235 Y=604874
LAT.: N 32.6628578
LONG.: W 104.2318381
1651' FNL 2652' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=572329 Y=604936
LAT.: N 32.6629757
LONG.: W 104.2326247

NAD 1927
X=531150 Y=604874
LAT.: N 32.6628596
LONG.: W 104.2321143
1652' FNL 2567' FWL

BLM PERF. POINT (BPP1)

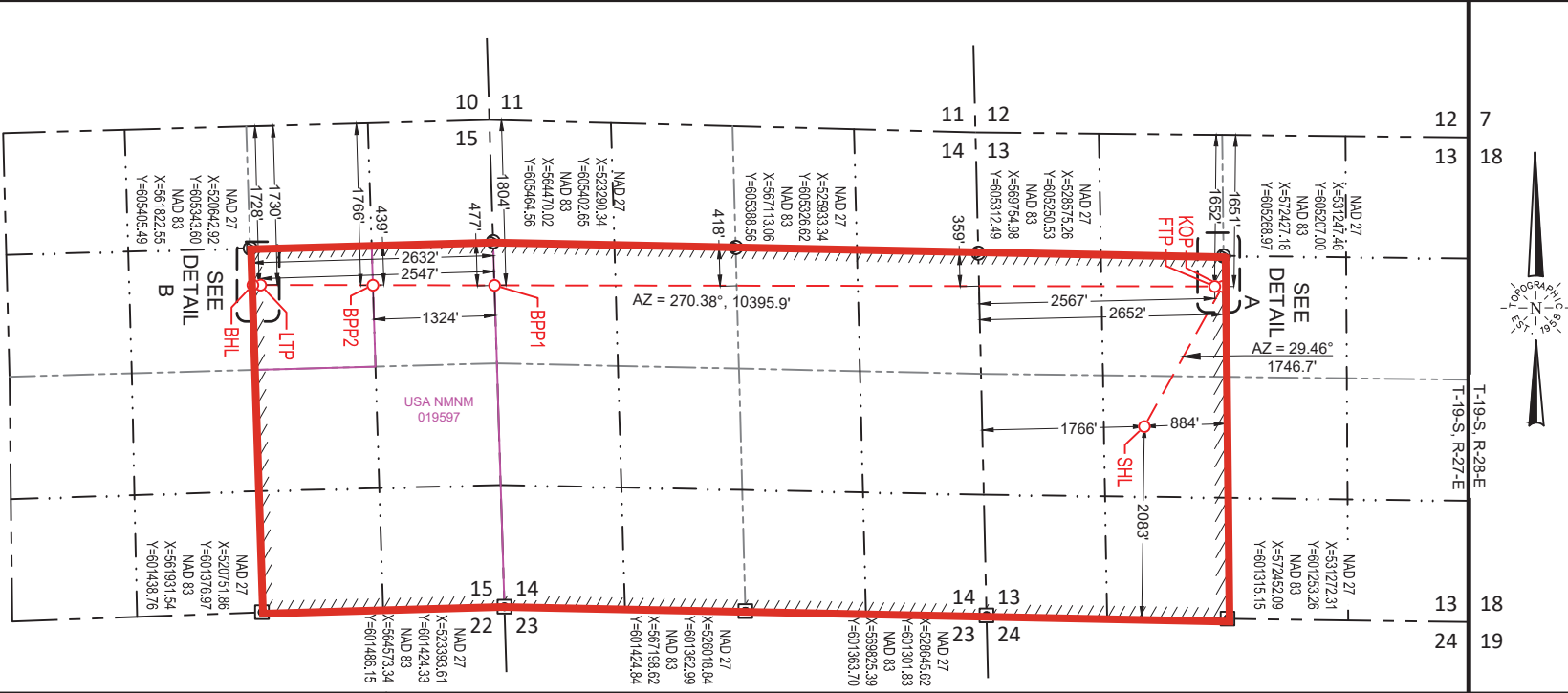
NEW MEXICO EAST
NAD 1983
X=564482 Y=604988
LAT.: N 32.6631353
LONG.: W 104.2581233

NAD 1927
X=523303 Y=604926
LAT.: N 32.6630194
LONG.: W 104.2576122
1804' FNL 0' FWL

BLM PERF. POINT (BPP2)

NEW MEXICO EAST
NAD 1983
X=563158 Y=604997
LAT.: N 32.6631617
LONG.: W 104.2624269

NAD 1927
X=521978 Y=604935
LAT.: N 32.6630459
LONG.: W 104.2619156
1766' FNL 1324' FEL



LAST TAKE POINT (LTP)

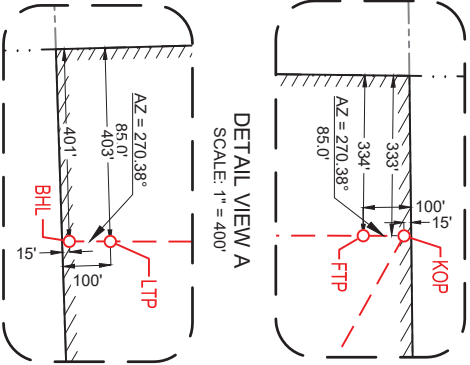
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NAD 1983
X=561934 Y=605005
LAT.: N 32.6631860
LONG.: W 104.2664055

NAD 1927
X=520754 Y=604943
LAT.: N 32.6630702
LONG.: W 104.2658941
1730' FNL 2547' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=561849 Y=605005
LAT.: N 32.6631877
LONG.: W 104.2666819

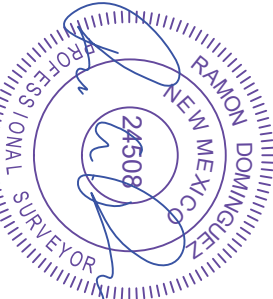
NAD 1927
X=520669 Y=604943
LAT.: N 32.6630719
LONG.: W 104.2661705
1728' FNL 2632' FEL

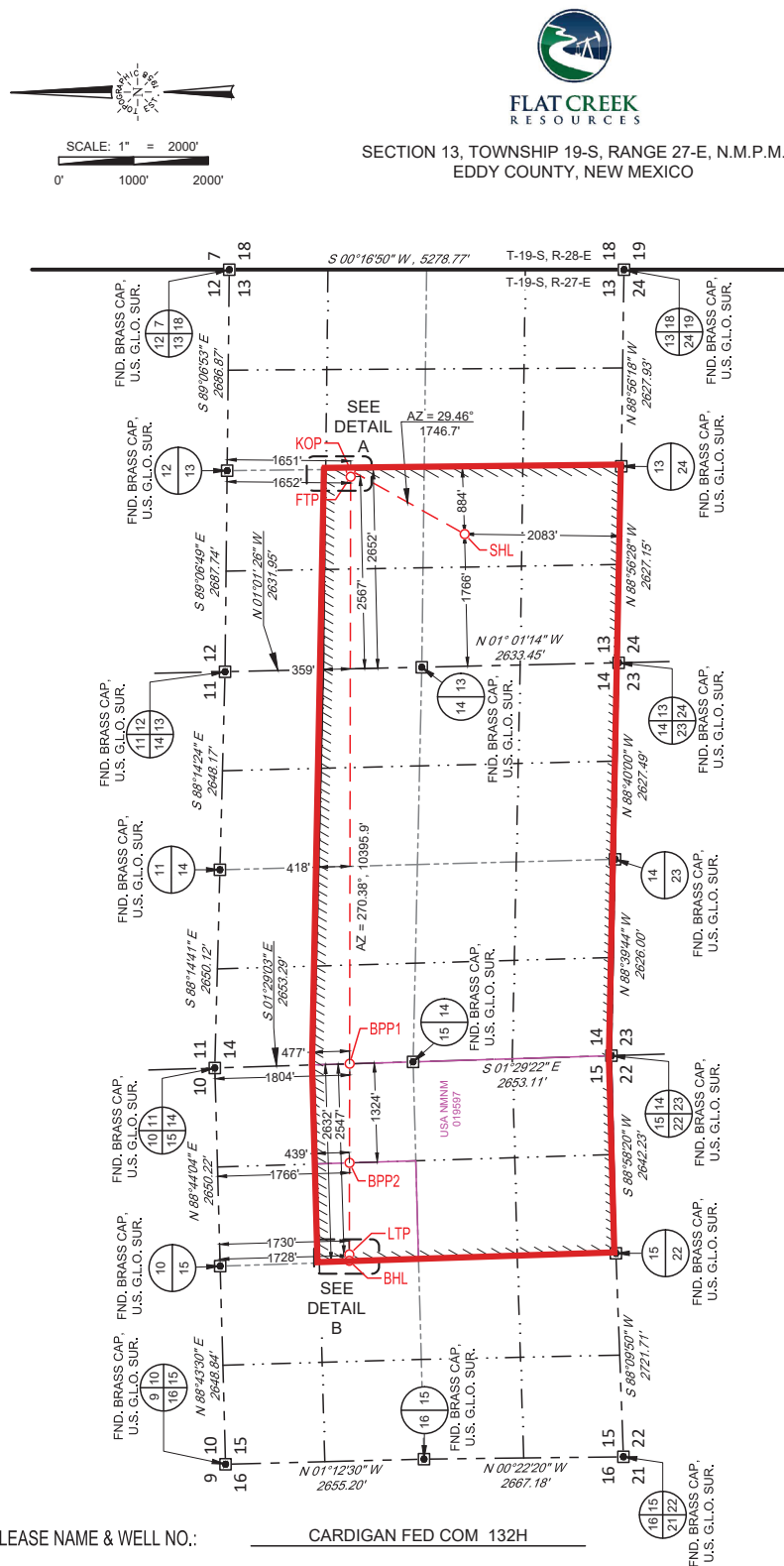


DETAIL VIEW B
SCALE: 1" = 400'

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.
02/01/2024

Date of Survey
Signature and Seal of Professional Surveyor:





SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=571555 Y=603415
LAT.: N 32.6587959
LONG.: W 104.2351447
2083' FSL 1766' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=572414 Y=604936
LAT.: N 32.6629740
LONG.: W 104.2323484
1651' FNL 2652' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=572329 Y=604936
LAT.: N 32.6629757
LONG.: W 104.2326247
1652' FNL 2567' FWL

BLM PERF. POINT (BPP1)

NEW MEXICO EAST
NAD 1983
X=564482 Y=604988
LAT.: N 32.6631353
LONG.: W 104.2581233
1804' FNL 0' FWL

BLM PERF. POINT (BPP2)

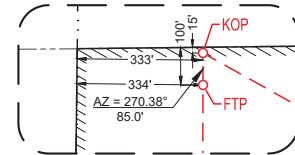
NEW MEXICO EAST
NAD 1983
X=563158 Y=604997
LAT.: N 32.6631617
LONG.: W 104.2624269
1766' FNL 1324' FEL

LAST TAKE POINT (LTP)

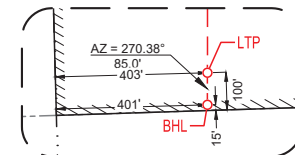
NEW MEXICO EAST
NAD 1983
X=561934 Y=605005
LAT.: N 32.6631860
LONG.: W 104.2664055
1730' FNL 2547' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=561849 Y=605005
LAT.: N 32.6631877
LONG.: W 104.2666819
1728' FNL 2632' FEL



DETAIL VIEW A
SCALE: 1" = 400'



DETAIL VIEW B
SCALE: 1" = 400'



12/12/2024 3:01:08 PM

Ramon A. Dominguez, P.S. No. 24508



481 WINSOFT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX: (432) 682-1743
WWW.TOPOGRAPHIC.COM

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY
FEET.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND
UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF
SURVEY, AND DATA PROVIDED BY FLAT CREEK RESOURCES, LLC. THIS CERTIFICATION IS MADE AND
LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS
NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-56004	Pool Code 97569	Pool Name WINCHESTER; BONE SPRING, WEST
Property Code	Property Name CARDIGAN FED COM	Well Number 133H
OGRID No. ----	Operator Name FLAT CREEK RESOURCES, LLC.	Ground Level Elevation 3479'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
K	13	19-S	27-E	-	2053' S	1766' W	N 32.6587133	W 104.2351444	EDDY

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
J	15	19-S	27-E	-	1885' S	2630' E	N 32.6585644	W 104.2665352	EDDY

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
Order Numbers			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
K	13	19-S	27-E	-	1979' S	2633' W	N 32.6584640	W 104.2323199	EDDY


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
K	13	19-S	27-E	-	1978' S	2548' W	N 32.6584648	W 104.2325961	EDDY

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
J	15	19-S	27-E	-	1883' S	2545' E	N 32.6585636	W 104.2662588	EDDY

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

OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>		SURVEYORS CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  12/12/2024 3:03:28 PM	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 02/01/2024
E-mail Address _____			

C-102

Submit Electronically
Via OCD PermittingState of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal
Type:

- ☐ Initial Submittal
- ☐ Amended Report
- ☐ As Drilled

Property Name and Well Number

CARDIGAN FED COM 133H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=571555 Y=603385
LAT.: N 32.6587133
LONG.: W 104.2351444
NAD 1927
X=530376 Y=603323
LAT.: N 32.6585972
LONG.: W 104.2346341
2053' FSL 1766' FWL

KICK OFF POINT (KOP)

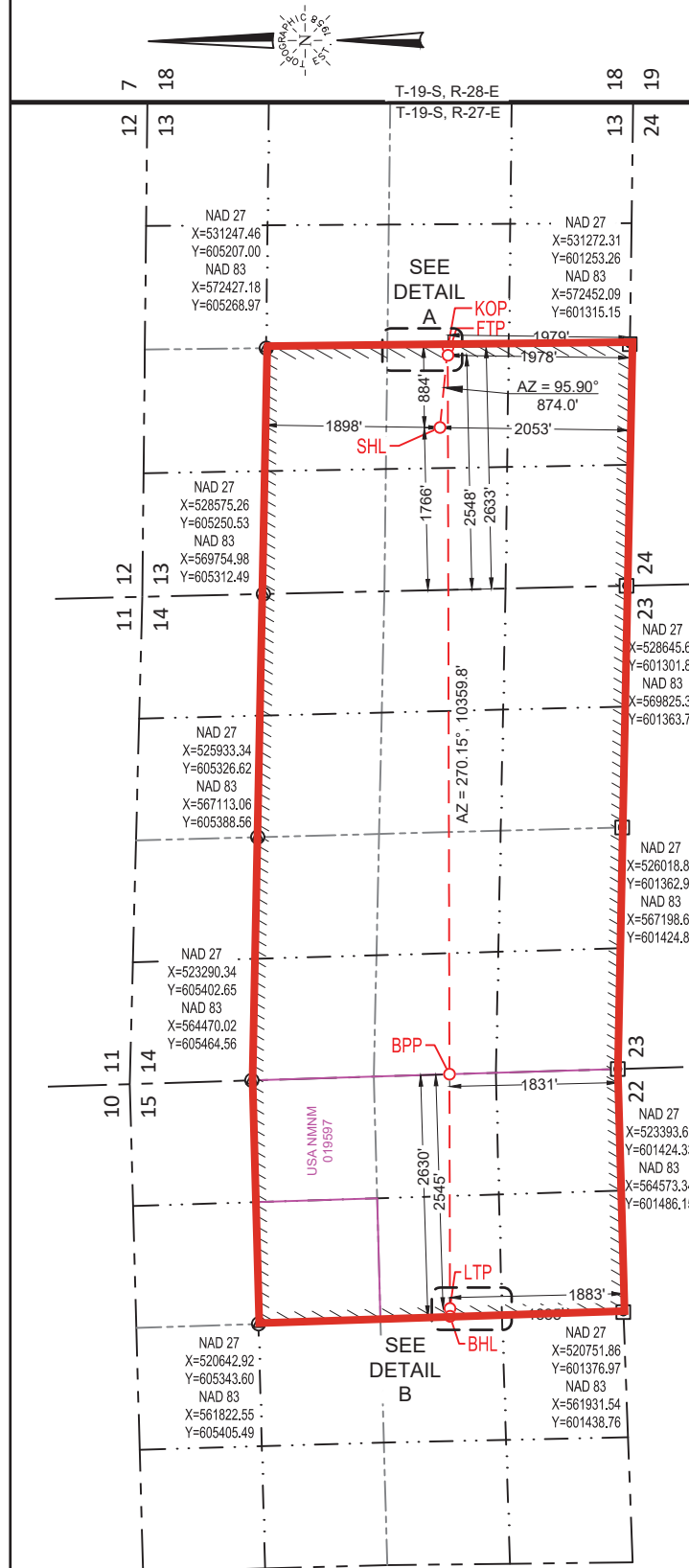
NEW MEXICO EAST
NAD 1983
X=572425 Y=603295
LAT.: N 32.6584640
LONG.: W 104.2323199
NAD 1927
X=531245 Y=603233
LAT.: N 32.6583478
LONG.: W 104.2318097
1979' FSL 2633' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=572340 Y=603295
LAT.: N 32.6584648
LONG.: W 104.2325961
NAD 1927
X=531160 Y=603233
LAT.: N 32.6583487
LONG.: W 104.2320859
1978' FSL 2548' FWL

BLM PERF. POINT (BPP)

NEW MEXICO EAST
NAD 1983
X=564526 Y=603316
LAT.: N 32.6585402
LONG.: W 104.2579861
NAD 1927
X=523346 Y=603254
LAT.: N 32.6584243
LONG.: W 104.2574751
1831' FSL 0' FWL

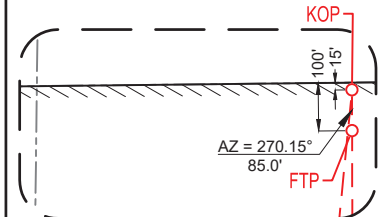
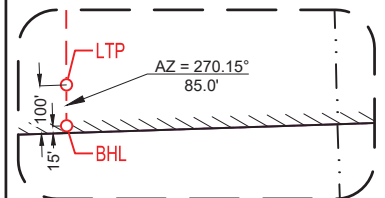


LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=561980 Y=603323
LAT.: N 32.6585636
LONG.: W 104.2662588
NAD 1927
X=520800 Y=603261
LAT.: N 32.6584478
LONG.: W 104.2657475
1883' FSL 2545' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=561895 Y=603323
LAT.: N 32.6585644
LONG.: W 104.2665352
NAD 1927
X=520715 Y=603261
LAT.: N 32.6584486
LONG.: W 104.2660238
1885' FSL 2630' FEL

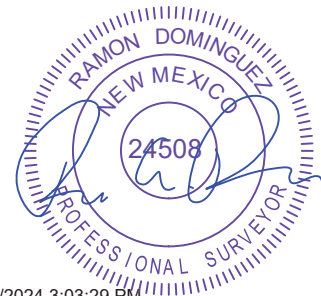
DETAIL VIEW A
SCALE: 1" = 400'DETAIL VIEW B
SCALE: 1" = 400'

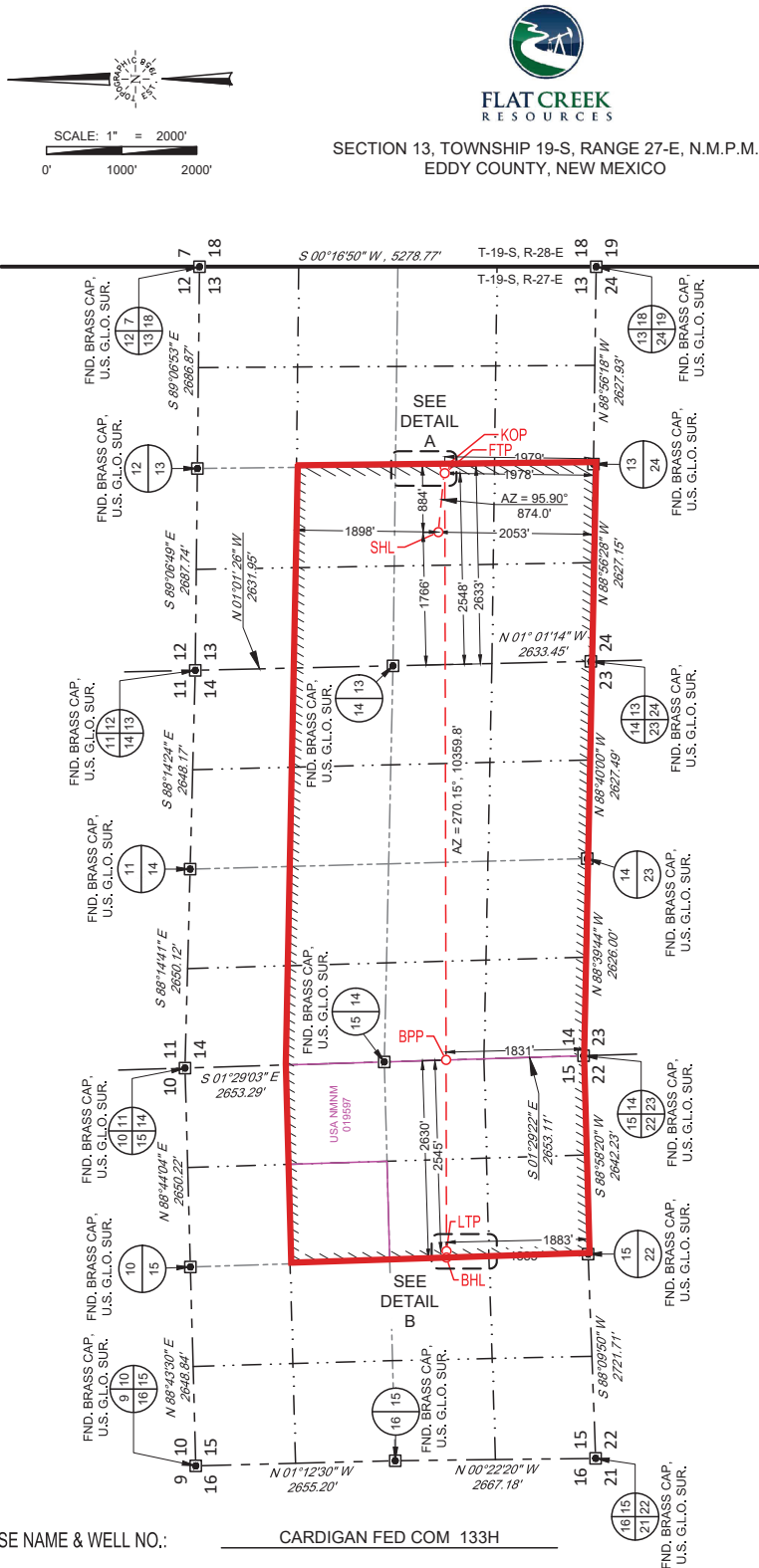
SURVEYORS CERTIFICATION

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.
02/01/2024

Date of Survey

Signature and Seal of Professional Surveyor:





LEASE NAME & WELL NO.: CARDIGAN FED COM 133H

SECTION 13 TWP 19-S RGE 27-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM
 DESCRIPTION 2053' FSL & 1766' FWL

DISTANCE & DIRECTION

FROM INT. OF NM-529 & US-82W. GO WEST ON US-82W ±18.9 MILES.
THENCE LEFT ON ILLINOIS CAMP RD ±9.4 MILES. THENCE RIGHT ON
NETHERLIN RD. ±0.2 MILES. THENCE SOUTHWEST (LEFT) ON A
PROPOSED RD. ±1510 FEET TO A POINT ±341 FEET SOUTHEAST OF THE
LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
 BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY
 FEET.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND
 UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF
 SURVEY, AND DATA PROVIDED BY FLAT CREEK RESOURCES, LLC. THIS CERTIFICATION IS MADE AND
 LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS
 NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

SURFACE LOCATION (SHL)

NEW MEXICO EAST
 NAD 1983
 X=571555 Y=603385
 LAT.: N 32.6587133
 LONG.: W 104.2351444
 2053' FSL 1766' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
 NAD 1983
 X=572425 Y=603295
 LAT.: N 32.6584640
 LONG.: W 104.2323199
 1979' FSL 2633' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
 NAD 1983
 X=572340 Y=603295
 LAT.: N 32.6584648
 LONG.: W 104.2325961
 1978' FSL 2548' FWL

BLM PERF. POINT (BPP)

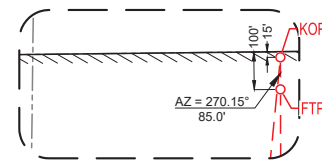
NEW MEXICO EAST
 NAD 1983
 X=564526 Y=603316
 LAT.: N 32.6585402
 LONG.: W 104.2579861
 1831' FSL 0' FWL

LAST TAKE POINT (LTP)

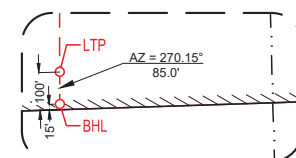
NEW MEXICO EAST
 NAD 1983
 X=561980 Y=603323
 LAT.: N 32.6585636
 LONG.: W 104.2662588
 1883' FSL 2545' FEL

BOTTOM HOLE LOCATION (BHL)

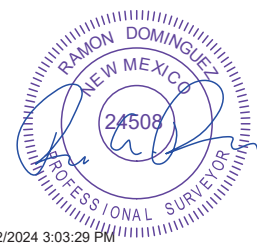
NEW MEXICO EAST
 NAD 1983
 X=561895 Y=603323
 LAT.: N 32.6585644
 LONG.: W 104.2665352
 1885' FSL 2630' FEL



DETAIL VIEW A
 SCALE: 1" = 400'



DETAIL VIEW B
 SCALE: 1" = 400'



12/12/2024 3:03:29 PM

Ramon A. Dominguez, P.S. No. 24508



481 WINSOFT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
 TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-56005	Pool Code 97569	Pool Name WINCHESTER; BONE SPRING, WEST
Property Code	Property Name CARDIGAN FED COM	Well Number 134H
OGRID No. ----	Operator Name FLAT CREEK RESOURCES, LLC.	Ground Level Elevation 3480'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL or lot no. K	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 2023' S	Feet from the E/W 1765' W	Latitude N 32.6586308	Longitude W 104.2351446	County EDDY
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Bottom Hole Location

UL or lot no. O	Section 15	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 385' S	Feet from the E/W 2628' E	Latitude N 32.6544419	Longitude W 104.2664043	County EDDY
---------------------------	----------------------	-------------------------	----------------------	---------------------	------------------------------------	-------------------------------------	---------------------------------	-----------------------------------	-----------------------

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
Order Numbers			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL or lot no. N	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 479' S	Feet from the E/W 2616' W	Latitude N 32.6543396	Longitude W 104.2322938	County EDDY
---------------------------	----------------------	-------------------------	----------------------	---------------------	------------------------------------	-------------------------------------	---------------------------------	-----------------------------------	-----------------------

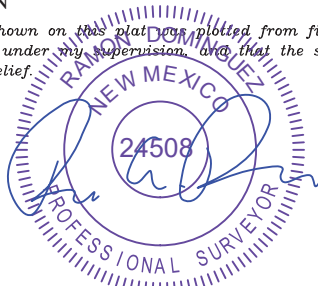
First Take Point (FTP)

UL or lot no. N	Section 13	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 478' S	Feet from the E/W 2531' W	Latitude N 32.6543404	Longitude W 104.2325700	County EDDY
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Last Take Point (LTP)

UL or lot no. O	Section 15	Township 19-S	Range 27-E	Lot Idn -	Feet from the N/S 383' S	Feet from the E/W 2543' E	Latitude N 32.6544411	Longitude W 104.2661280	County EDDY
---------------------------	----------------------	-------------------------	----------------------	---------------------	------------------------------------	-------------------------------------	---------------------------------	-----------------------------------	-----------------------

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

OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>		SURVEYORS CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</i>  12/12/2024 3:06:11 PM	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____ Date _____	
Print Name _____		Certificate Number _____	Date of Survey 02/01/2024
E-mail Address _____			

C-102

Submit Electronically
Via OCD PermittingState of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal
Type:

- ☐ Initial Submittal
- ☐ Amended Report
- ☐ As Drilled

Property Name and Well Number

CARDIGAN FED COM 134H

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=571555 Y=603355
LAT.: N 32.6586308
LONG.: W 104.2351446
NAD 1927
X=530376 Y=603293
LAT.: N 32.6585147
LONG.: W 104.2346342
2023' FSL 1765' FWL

KICK OFF POINT (KOP)

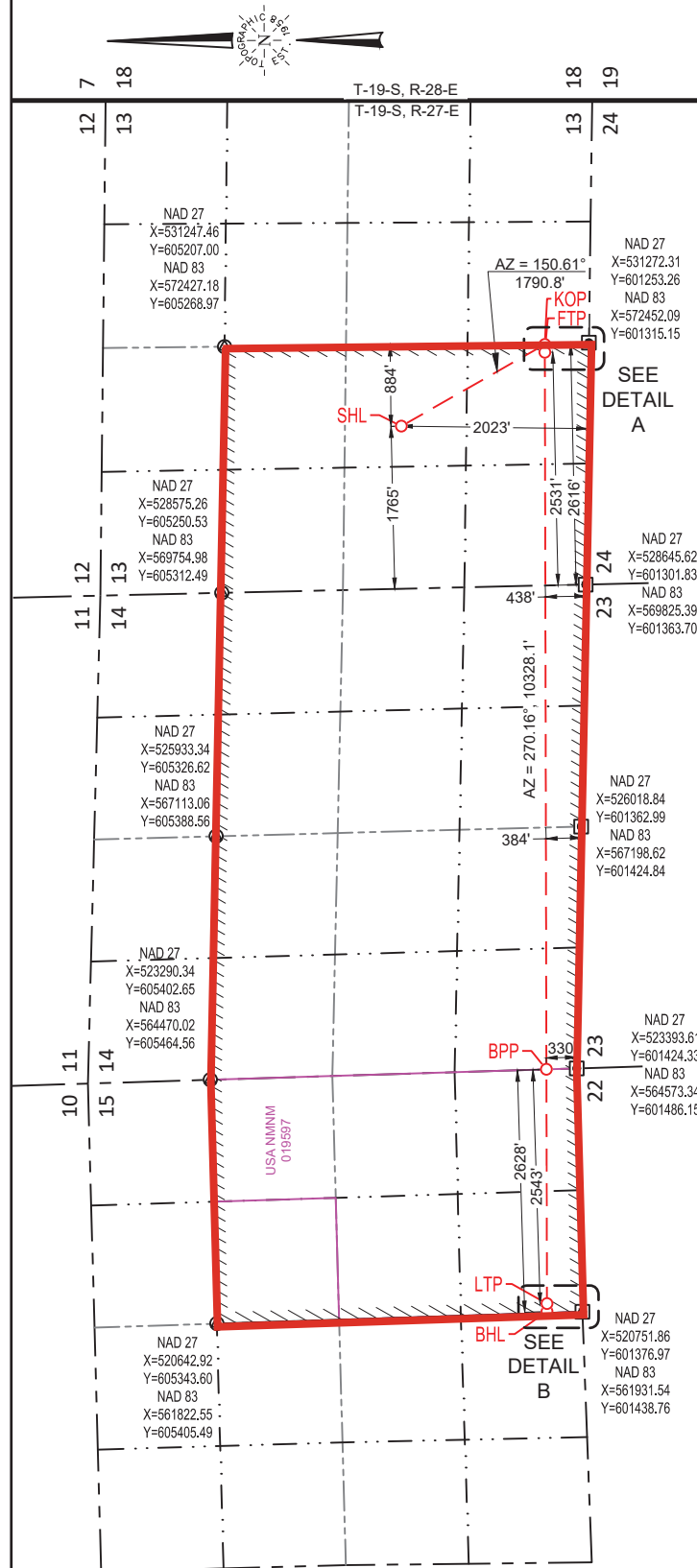
NEW MEXICO EAST
NAD 1983
X=572434 Y=601795
LAT.: N 32.6543396
LONG.: W 104.2322938
NAD 1927
X=531254 Y=601733
LAT.: N 32.6542234
LONG.: W 104.2317837
479' FSL 2616' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=572349 Y=601795
LAT.: N 32.6543404
LONG.: W 104.2325700
NAD 1927
X=531169 Y=601733
LAT.: N 32.6542242
LONG.: W 104.2320599
478' FSL 2531' FWL

BLM PERF. POINT (BPP)

NEW MEXICO EAST
NAD 1983
X=564565 Y=601816
LAT.: N 32.6544171
LONG.: W 104.2578629
NAD 1927
X=523385 Y=601754
LAT.: N 32.6543012
LONG.: W 104.2573520
330' FSL 0' FWL

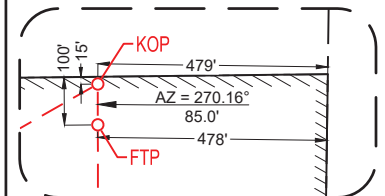


LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=562021 Y=601823
LAT.: N 32.6544411
LONG.: W 104.2661280
NAD 1927
X=520841 Y=601761
LAT.: N 32.6543253
LONG.: W 104.2656168
383' FSL 2543' FEL

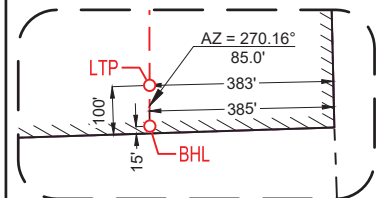
BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=561936 Y=601823
LAT.: N 32.6544419
LONG.: W 104.2664043
NAD 1927
X=520756 Y=601762
LAT.: N 32.6543261
LONG.: W 104.2658931
385' FSL 2628' FEL



DETAIL VIEW A

SCALE: 1" = 400'



DETAIL VIEW B

SCALE: 1" = 400'

SURVEYORS CERTIFICATION

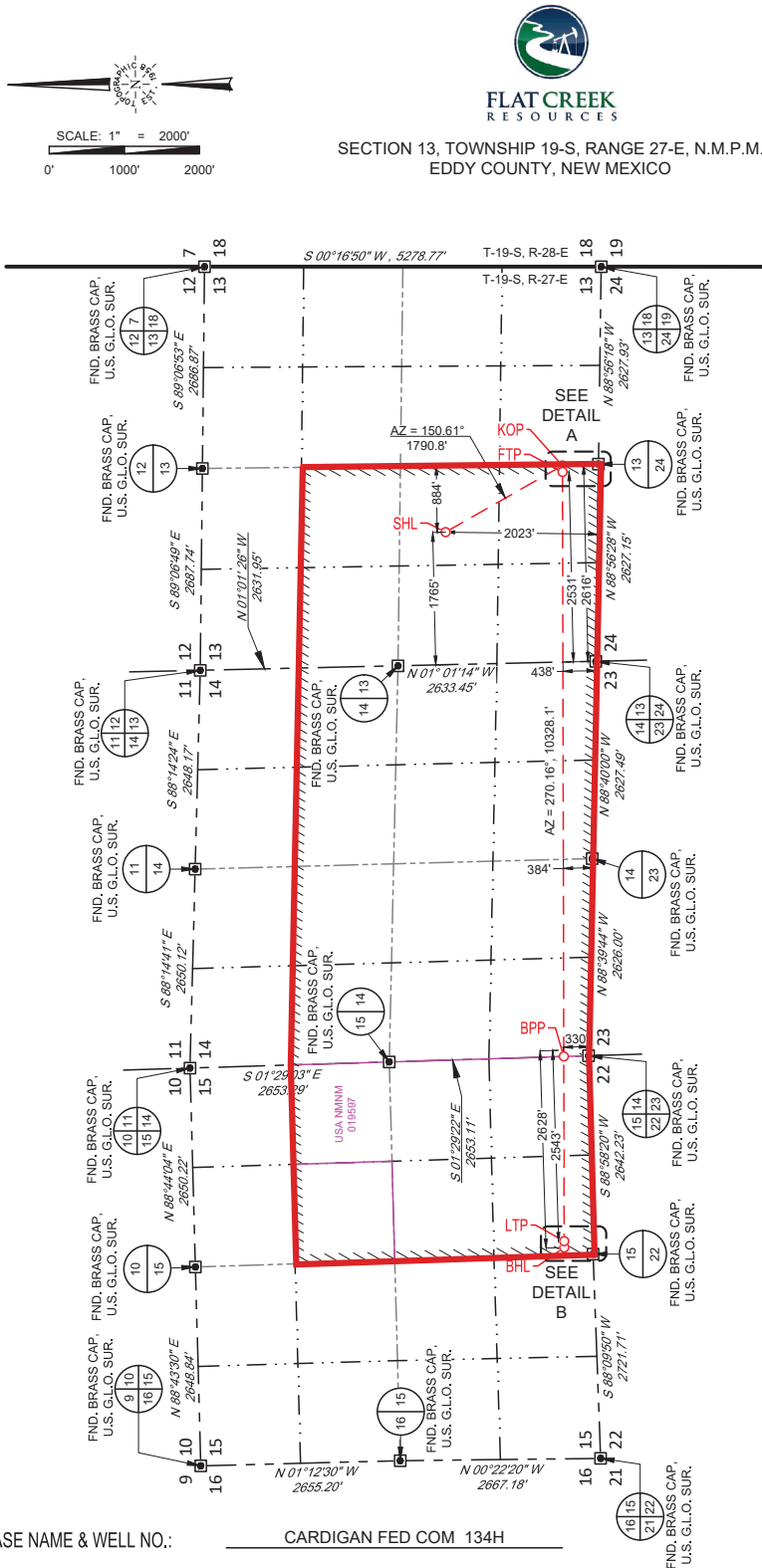
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

02/01/2024

Date of Survey

Signature and Seal of Professional Surveyor:



**SURFACE LOCATION (SHL)**

NEW MEXICO EAST
NAD 1983
X=571555 Y=603355
LAT.: N 32.6586308
LONG.: W 104.2351446
2023' FSL 1765' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=572434 Y=601795
LAT.: N 32.6543396
LONG.: W 104.2322938
479' FSL 2616' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=572349 Y=601795
LAT.: N 32.6543404
LONG.: W 104.2325700
478' FSL 2531' FWL

BLM PERF. POINT (BPP)

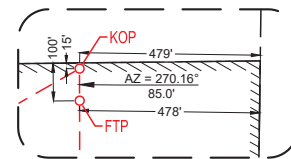
NEW MEXICO EAST
NAD 1983
X=564565 Y=601816
LAT.: N 32.6544171
LONG.: W 104.2578629
330' FSL 0' FWL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=562021 Y=601823
LAT.: N 32.6544411
LONG.: W 104.2661280
383' FSL 2543' FEL

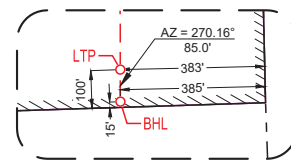
BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=561936 Y=601823
LAT.: N 32.6544419
LONG.: W 104.2664043
385' FSL 2628' FEL



DETAIL VIEW A

SCALE: 1" = 400'



DETAIL VIEW B

SCALE: 1" = 400'

LEASE NAME & WELL NO.: CARDIGAN FED COM 134H

SECTION 13 TWP 19-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2023' FSL & 1765' FWL

DISTANCE & DIRECTION

FROM INT. OF NM-529 & US-82W. GO WEST ON US-82W ±18.9 MILES.
THENCE LEFT ON ILLINOIS CAMP RD ±9.4 MILES. THENCE RIGHT ON
NETHERLIN RD. ±0.2 MILES. THENCE SOUTHWEST (LEFT) ON A
PROPOSED RD. ±1510 FEET TO A POINT ±320 FEET SOUTHEAST OF THE
LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY
FEET.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND
UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF
SURVEY, AND DATA PROVIDED BY FLAT CREEK RESOURCES, LLC. THIS CERTIFICATION IS MADE AND
LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS
NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

12/12/2024 3:06:12 PM

Ramon A. Dominguez, P.S. No. 24508



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

481 WINSOFT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX: (432) 682-1743
WWW.TOPOGRAPHIC.COM

Proposed Non-Standard Horizontal Spacing Unit

Cardigan Fed Com Nos. 132H, 133H and 134H Wells

Section 13 (SW4 & S2 NW4), Section 14 (S2 & S2 N2), and Section 15 (SE4 & S2 NE4)
19S-27E, Eddy County, NM



Affected Persons

Type	Certified Mail Tracking No.	Plat Tract	Legal Description (All in 19S-27E, Eddy Co., NM)	Owner	Address	City	State	Zip
BLM	9589 0710 5270 2175 1371 51	9	N/2 NE/4 of Section 22	Bureau of Land Management	301 Dinosaur Trail	Santa Fe	NM	87508
		10	NE/4 NW/4 of Section 22					
		11	E/2 W/2 of Section 15					
		12	NW/4 NE/4 of Section 15					
State	9589 0710 5270 2175 1371 68	13	NE/4 NE/4 of Section 15 (Unleased)	New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe	NM	87504-1148
		1	NE/4 NW/4 of Section 14					
		2	N/2 NE/4 of Section 14					
		3	N/2 NW/4 of Section 13					
VC 0538-0001 Lessee of Record	9589 0710 5270 2175 1371 75	4	W/2 E/2 of Section 13	Tap Rock Resources III, LLC	523 Park Point Drive, Suite 200	Golden	CO	80401
		5	NW/4 NE/4 of Section 24					
		6	N/2 NW/4 of Section 24					
		7	N/2 NE/4 & NE/4 NW/4 of Section 23					
VC 1205-0000 Lessee of Record	9589 0710 5270 2175 1371 82	8	NW/4 NW/4 of Section 23	Permian Resources Operating, LLC	300 N Maricfield Street, Suite 1000	Midland	TX	79701
		9	N/2 NE/4 of Section 22					
		10	NW/4 NE/4 of Section 15					
		11	E/2 W/2 of Section 15					
Operator Red Eagle State Com 131H - 134H	9589 0710 5270 2175 1371 99	12	NW/4 NW/4 of Section 14	EOG Resources Inc.	1111 Bagby Street, Sky Lobby 2	Houston	TX	77002
		13	N/2 NW/4 of Section 13					
		14	NW/4 NW/4 of Section 14					
		15	N/2 NE/4 of Section 14					
LG 2676-0002 Lessee of Record	9589 0710 5270 2175 1372 05	16	NW/4 NW/4 of Section 24	Harvard Petroleum Company, LLC	PO Box 936	Roswell	NM	88202
		17	N/2 NW/4 of Section 24					
		18	N/2 NE/4 of Section 22					
		19	NW/4 NE/4 of Section 15					
V0 1652-0000 Lessee of Record	9589 0710 5270 2175 1372 05	20	NW/4 NE/4 of Section 24	Oxy Y-1 Co	5 Greenway Plaza, Suite 110	Houston	TX	77046-0521
		21	N/2 NW/4 of Section 24					
		22	N/2 NE/4 of Section 22					
		23	NW/4 NE/4 of Section 15					
X0 0648-0144 Lessee of Record	9589 0710 5270 2175 1372 29	24	NE/4 NW/4 of Section 22	Chevron USA Inc	6301 Deauville	Midland	TX	79706-2964
		25	N/2 NW/4 of Section 24					
		26	N/2 NE/4 of Section 22					
		27	NW/4 NE/4 of Section 15					
NMNM 001530 Lessee of Record	9589 0710 5270 2175 1372 36	28	E/2 W/2 of Section 15	Tascosa Energy Partners LLC	901 W Missouri Avenue	Midland	TX	79701
		29	N/2 NW/4 of Section 24					
		30	N/2 NE/4 of Section 22					
		31	NW/4 NE/4 of Section 15					
NMNM 013409 Lessee of Record	9589 0710 5270 2175 1372 43	32	NW/4 NW/4 of Section 14	OXY USA WTP Limited Partnership	5 Greenway Plaza, Suite 110	Houston	TX	77046-0521
		33	N/2 NW/4 of Section 24					
		34	N/2 NE/4 of Section 22					
		35	NW/4 NE/4 of Section 15					
NMNM 094078 Lessee of Record	9589 0710 5270 2175 1372 43	36	NW/4 NW/4 of Section 14	OXY USA WTP Limited Partnership	5 Greenway Plaza, Suite 110	Houston	TX	77046-0521
		37	N/2 NW/4 of Section 24					
		38	N/2 NE/4 of Section 22					
		39	NW/4 NE/4 of Section 15					
X0 2029-0073 Lessee of Record	9589 0710 5270 2175 1372 43	40	NW/4 NW/4 of Section 14	OXY USA WTP Limited Partnership	5 Greenway Plaza, Suite 110	Houston	TX	77046-0521
		41	N/2 NW/4 of Section 24					
		42	N/2 NE/4 of Section 22					
		43	NW/4 NE/4 of Section 15					



January 14, 2025

SENT VIA CERTIFIED MAIL

TO: Affected Persons

RE: Application for Non-Standard Proration Unit
Cardigan Fed Com 132H, 133H and 134H Wells
Horizontal Spacing Unit (the "HSU"):
Section 13, 19S-27E (SW4 & S2 NW4),
Section 14, 19S-27E (S2 & S2 N2), &
Section 15, 19S-27E (SE4 & S2 NE4)
Eddy County, New Mexico, containing 960 acres

To Whom It May Concern,

Enclosed is a copy of Flat Creek Resources, LLC's ("**Flat Creek**") application for a Non-Standard Proration Unit (the "**NSP Application**") for the following wells (the "**Wells**"):

- Cardigan Fed Com 132H (API No. 30-015-56003)
- Cardigan Fed Com 133H (API No. 30-015-56004)
- Cardigan Fed Com 134H (API No. 30-015-56005)

The NSP Application was filed with the New Mexico Oil Conservation Division ("**OCD**") on this date. You are being sent a copy of the NSP Application per OCD's requirements to notify the interest owners in the offset acreage. Any objection to this application must be filed in writing within twenty (20) days from this date with the applicant and the OCD. If no objection is received within this twenty-day period, this application may be administratively approved by the OCD.

Please note that the Wells and HSU are included in OCD Case No. 25053 for compulsory pooling which was presented by affidavit on January 9, 2025.

If you have any questions concerning this application, you may contact me at (817) 310-8572 or mgregory@freedomenergy.com.

Sincerely,

Flat Creek Resources, LLC

A handwritten signature in blue ink, appearing to read "Mike Gregory".

Mike Gregory, CPL
Vice President - Land

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 421989

CONDITIONS

Operator: Flat Creek Resources, LLC 777 Main St. Fort Worth, TX 76102	OGRID: 374034
	Action Number: 421989
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	1/22/2025