

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

WELL LOCATION INFORMATION

API Number 30-015-57690	Pool Code 24720	Pool Name Forty Niner Ridge; Bone Spring
Property Code 336009	Property Name THUNDERDOME FED COM	
OGRID No. 217817	Operator Name CONOCOPHILLIPS COMPANY	Well Number 521H
Ground Level Elevation 3,251.67'		
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	23	23S	30E		2,360' FSL	1,494' FWL	32.289692°	-103.855475°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	11	23S	30E		50' FNL	330' FWL	32.326705°	-103.859220°	EDDY

Dedicated Acres 1600	Infill or Defining Well Infill	Defining Well API Pending 502H	Overlapping Spacing Unit (Y/N)	Consolidation Code Com
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	23	23S	30E		2,360' FSL	1,494' FWL	32.289692°	-103.855475°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	23	23S	30E		2,540' FNL	330' FWL	32.290767°	-103.859248°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	11	23S	30E		100' FNL	330' FWL	32.326568°	-103.859219°	EDDY

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

<p>OPERATOR CERTIFICATIONS</p> <p>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.</p> <p>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.</p>	<p>SURVEYOR CERTIFICATIONS</p> <p>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.</p> <div style="text-align: center;">  <p>Date: 2/24/2025</p> </div>	
Signature <i>Stan Wagner</i>	Date 9/17/2025	Signature and Seal of Professional Surveyor
Printed Name Stan Wagner	Email Address	Certificate Number 12177
		Date of Survey 2/24/2025

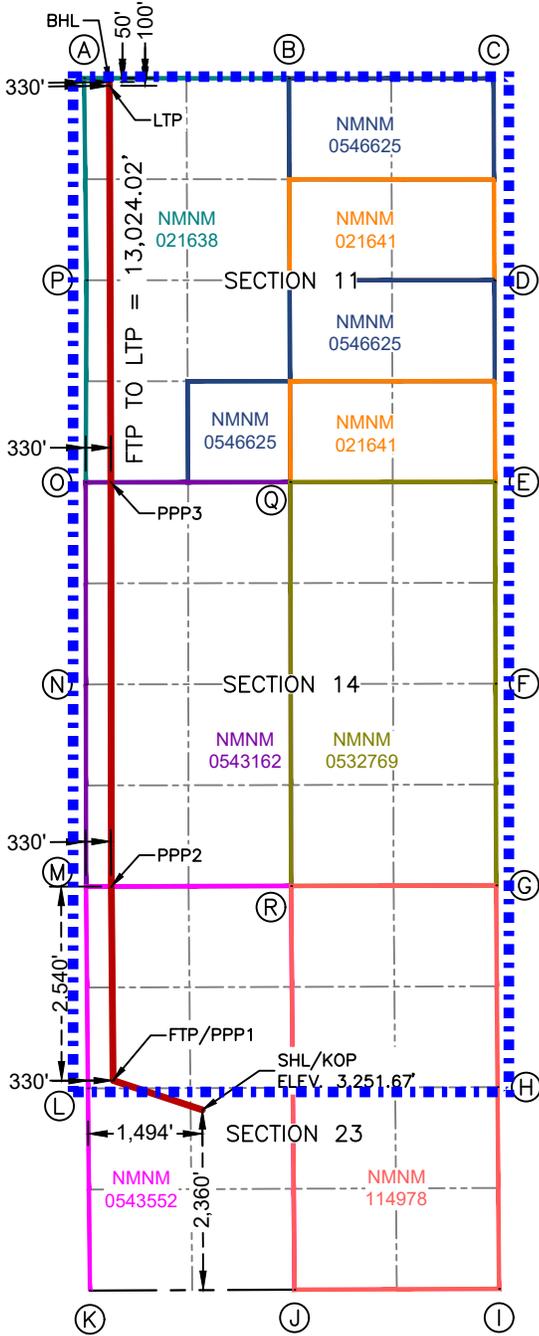
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

THUNDERDOME FED COM 521H



SURFACE HOLE LOCATION & KICK-OFF POINT

2,360' FSL & 1,494' FWL
ELEV.=3,251.67'
NAD 83 X = 689,001.12'
NAD 83 Y = 469,451.70'
NAD 83 LAT = 32.289692°
NAD 83 LONG = -103.855475°

PENETRATION POINT 3
0' FNL & 330' FWL

NAD 83 X = 687,805.07'
NAD 83 Y = 477,669.56'
NAD 83 LAT = 32.312296°
NAD 83 LONG = -103.859227°

FIRST TAKE POINT & PENETRATION POINT 1
2,540' FNL & 330' FWL

NAD 83 X = 687,833.31'
NAD 83 Y = 469,837.58'
NAD 83 LAT = 32.290767°
NAD 83 LONG = -103.859248°

LAST TAKE POINT
100' FNL & 330' FWL

NAD 83 X = 687,784.64'
NAD 83 Y = 482,861.44'
NAD 83 LAT = 32.326568°
NAD 83 LONG = -103.859219°

PENETRATION POINT 2
0' FNL & 330' FWL

NAD 83 X = 687,809.50'
NAD 83 Y = 472,377.52'
NAD 83 LAT = 32.297749°
NAD 83 LONG = -103.859289°

BOTTOM HOLE LOCATION
50' FNL & 330' FWL

NAD 83 X = 687,784.02'
NAD 83 Y = 482,911.44'
NAD 83 LAT = 32.326705°
NAD 83 LONG = -103.859220°

CORNER COORDINATES
NEW MEXICO EAST - NAD 83

A	CALCULATED CORNER N:482,961.73' E:687,453.38'	F	1" MONUMENT N:475,033.03' E:692,835.76'	K	IRON ROD W/CAP N:467,084.70' E:687,530.34'	P	CALCULATED CORNER N:480,315.52' E:687,485.82'
B	IRON ROD W/CAP N:482,959.45' E:690,132.18'	G	IRON ROD W/CAP N:472,390.77' E:692,844.23'	L	IRON ROD W/CAP N:469,732.12' E:687,504.28'	Q	BENT IRON ROD W/CAP N:477,671.15' E:690,152.19'
C	IRON ROD W/CAP N:482,957.17' E:692,810.98'	H	IRON ROD W/CAP N:469,750.12' E:692,862.25'	M	IRON ROD W/CAP N:472,376.66' E:687,479.54'	R	BENT IRON ROD W/CAP N:472,383.64' E:690,161.18'
D	1" MONUMENT N:480,315.20' E:692,820.19'	I	CALCULATED CORNER N:467,108.30' E:692,881.70'	N	CALCULATED CORNER N:475,022.92' E:687,477.28'		
E	1" MONUMENT N:477,674.32' E:692,829.30'	J	IRON ROD W/CAP N:467,097.47' E:690,206.32'	O	BENT IRON ROD W/CAP N:477,669.34' E:687,475.07'		

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 554376

COMMENTS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 554376
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
jeffrey.harrison	Pool correction for APD for 30-015-57690 THUNDERDOME FEDERAL COM #521H.	2/16/2026

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 554376

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 554376
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
jeffrey.harrison	Previous COA's still apply.	2/16/2026