

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
GRAYLING 14	606H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	505H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	305H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	604H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	205H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	306H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	504H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	605H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	204H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	206H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	304H		NMNM025497	NMNM025497	AVANT
GRAYLING 14	506H		NMNM025497	NMNM025497	AVANT

Notice of Intent

Sundry ID: 2827048

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 12/11/2024

Time Sundry Submitted: 04:03

Date proposed operation will begin: 12/11/2024

Procedure Description: Avant Operating, LLC would like to update the dedicated acreage for the Grayling Pad 3 wells. The dedicated acreage will change from 640 Ac. to 1280 Ac., please see attached updated plats to reflect this change. Grayling 14 Fed Com 204H APD ID 10400096908 Grayling 14 Fed Com 205H APD ID 10400096950 Grayling 14 Fed Com 206H APD ID 10400096951 Grayling 14 Fed Com 304H APD ID 10400096954 Grayling 14 Fed Com 305H APD ID 10400096955 Grayling 14 Fed Com 306H APD ID 10400096956 Grayling 14 Fed Com 504H APD ID 10400096962 Grayling 14 Fed Com 505H APD ID 10400096963 Grayling 14 Fed Com 506H APD ID 10400096964 Grayling 14 Fed Com 604H APD ID 10400096971 Grayling 14 Fed Com 605H APD ID 10400096972 Grayling 14 Fed Com 606H APD ID 10400096973

NOI Attachments

Procedure Description

Grayling_Pad_3_APD_Change_Sundry_Attachments_12_11_24_20241218143133.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MEGHAN TWELE

Signed on: DEC 19, 2024 09:47 AM

Name: AVANT OPERATING LLC

Title: Contract Regulatory Analyst

Street Address: 1515 WYNKOOP ST SUITE 700

City: DENVER **State:** CO

Phone: (720) 339-6880

Email address: MTWELE@OUTLOOK.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO

BLM POC Phone: 5759885402

Disposition: Accepted

Signature: Long Vo

BLM POC Title: Petroleum Engineer

BLM POC Email Address: LVO@BLM.GOV

Disposition Date: 12/19/2024

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
	Title
Signature	Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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
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WELL LOCATION INFORMATION

API Number 30-025-54109	Pool Code 41442	Pool Name LUSK;BONE SPRING, EAST
Property Code 336580	Property Name GRAYLING 14 FED COM	Well Number #604H
OGRID No. 330396	Operator Name AVANT OPERATING, LLC	Ground Level Elevation 3628'
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
O	14	19 S	32 E		833' FSL	1592' FEL	32.655392°	-103.733474°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	11	19 S	32 E		100' FNL	2178' FEL	32.681865°	-103.735437°	LEA

Dedicated Acres 1280.00	Infill or Defining Well Infill	Defining Well API	Overlapping Spacing Unit (Y/N) No	Consolidation Code
Order Numbers. R-23615	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	14	19 S	32 E		833' FSL	1592' FEL	32.655392°	-103.733474°	LEA

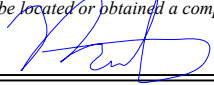


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	14	19 S	32 E		100' FSL	2178' FEL	32.653384°	-103.735374°	LEA

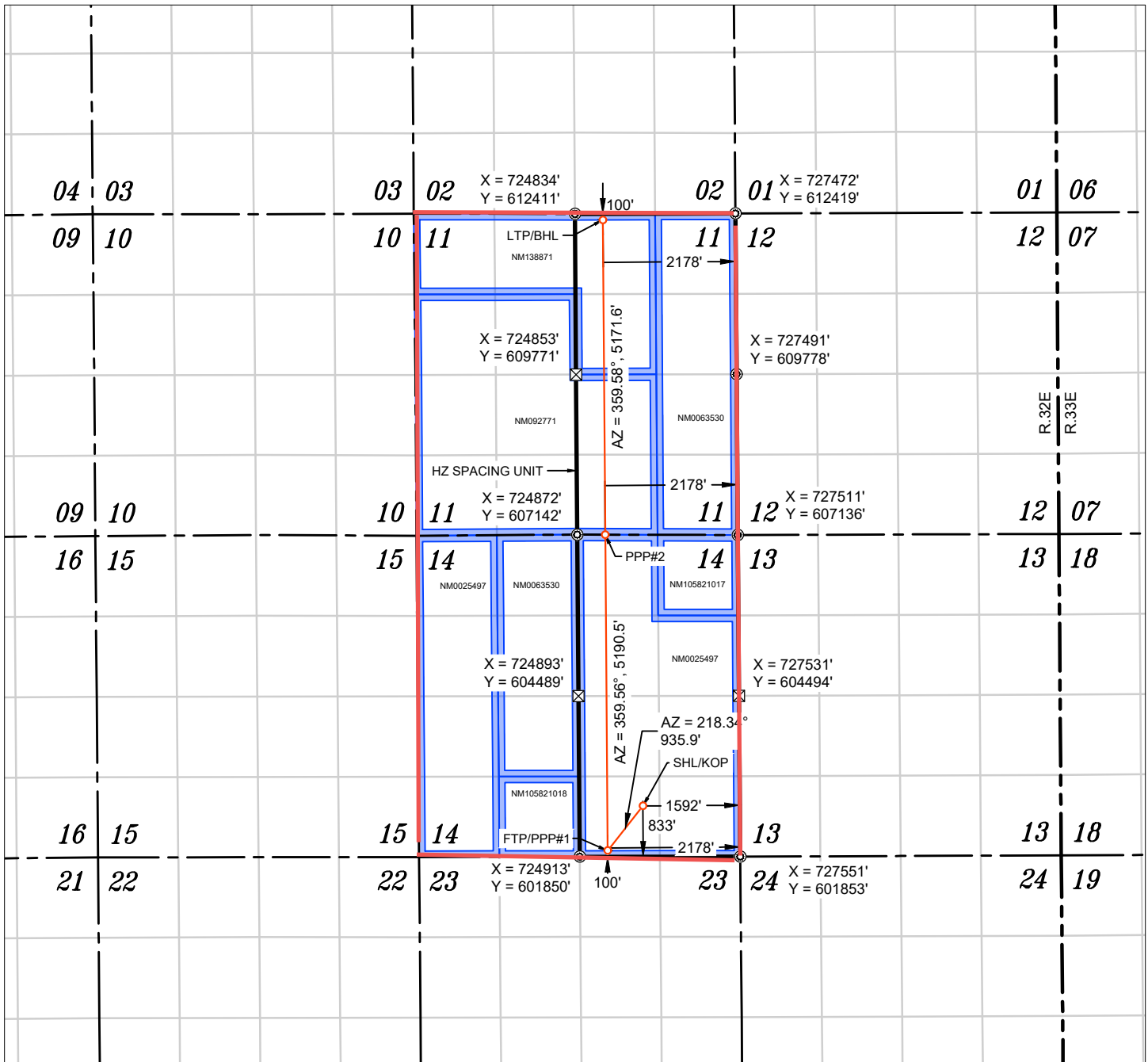
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	11	19 S	32 E		100' FNL	2178' FEL	32.681865°	-103.735437°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3628'
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<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p style="text-align: right;"> 12/10/2024</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  </div> <p style="text-align: center;"></p>
Signature Meghan Twele	Signature and Seal of Professional Surveyor 23203 OCTOBER 09, 2024
Printed Name mtwele@outlook.com	Certificate Number
Email Address	Date of Survey

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.



WELL NAME: GRAYLING 14 FED COM #604H
 ELEVATION: 3628'

NOTES

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2024. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

NAD 83 (SHL/KOP) 833' FSL & 1592' FEL
LATITUDE = 32.655392°
LONGITUDE = -103.733474°
NAD 27 (SHL/KOP)
LATITUDE = 32.655271°
LONGITUDE = -103.732975°
STATE PLANE NAD 83 (N.M. EAST)
N: 602684.24' E: 725953.18'
STATE PLANE NAD 27 (N.M. EAST)
N: 602621.27' E: 684773.62'

NAD 83 (FTP/PPP#1) 100' FSL & 2178' FEL
LATITUDE = 32.653384°
LONGITUDE = -103.735374°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.653263°
LONGITUDE = -103.734875°
STATE PLANE NAD 83 (N.M. EAST)
N: 601950.20' E: 725372.60'
STATE PLANE NAD 27 (N.M. EAST)
N: 601887.25' E: 684193.02'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM0025497	5190.51'
NM092771	2631.99'
NM138871	2539.60'
TOTAL	10362.10'

NAD 83 (PPP#2) 2178' FEL
LATITUDE = 32.667651°
LONGITUDE = -103.735408°
NAD 27 (PPP#2)
LATITUDE = 32.667530°
LONGITUDE = -103.734908°
STATE PLANE NAD 83 (N.M. EAST)
N: 607140.56' E: 725332.96'
STATE PLANE NAD 27 (N.M. EAST)
N: 607077.48' E: 684153.52'

NAD 83 (LTP/BHL) 100' FNL & 2178' FEL
LATITUDE = 32.681865°
LONGITUDE = -103.735437°
NAD 27 (LTP/BHL)
LATITUDE = 32.681744°
LONGITUDE = -103.734937°
STATE PLANE NAD 83 (N.M. EAST)
N: 612312.00' E: 725294.79'
STATE PLANE NAD 27 (N.M. EAST)
N: 612248.79' E: 684115.50'

FOUND MONUMENT
 CALC. CORNER
 SHL/ KOP/ FTP / PPP/ LTP / BHL
 HORIZONTAL SPACING UNIT
 STATE OIL & GAS LEASE
 BLM OIL & GAS LEASE



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 414290

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 414290
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	12/31/2024
pkautz	Cement is required to circulate on both surface and intermediate1 strings of casing.	12/31/2024