

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

Date Sundry Submitted: 12/11/2024

Date proposed operation will begin: 12/11/2024

Type of Action: APD Change

Time Sundry Submitted: 04:03

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: DENVERState: 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 Title: Petroleum Engineer

BLM POC Phone: 5759885402

BLM POC Email Address: LVO@BLM.GOV

Disposition: Accepted

Disposition Date: 12/19/2024

Signature: Long Vo

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

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

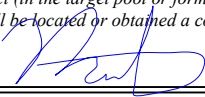


13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned 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 detennined 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	

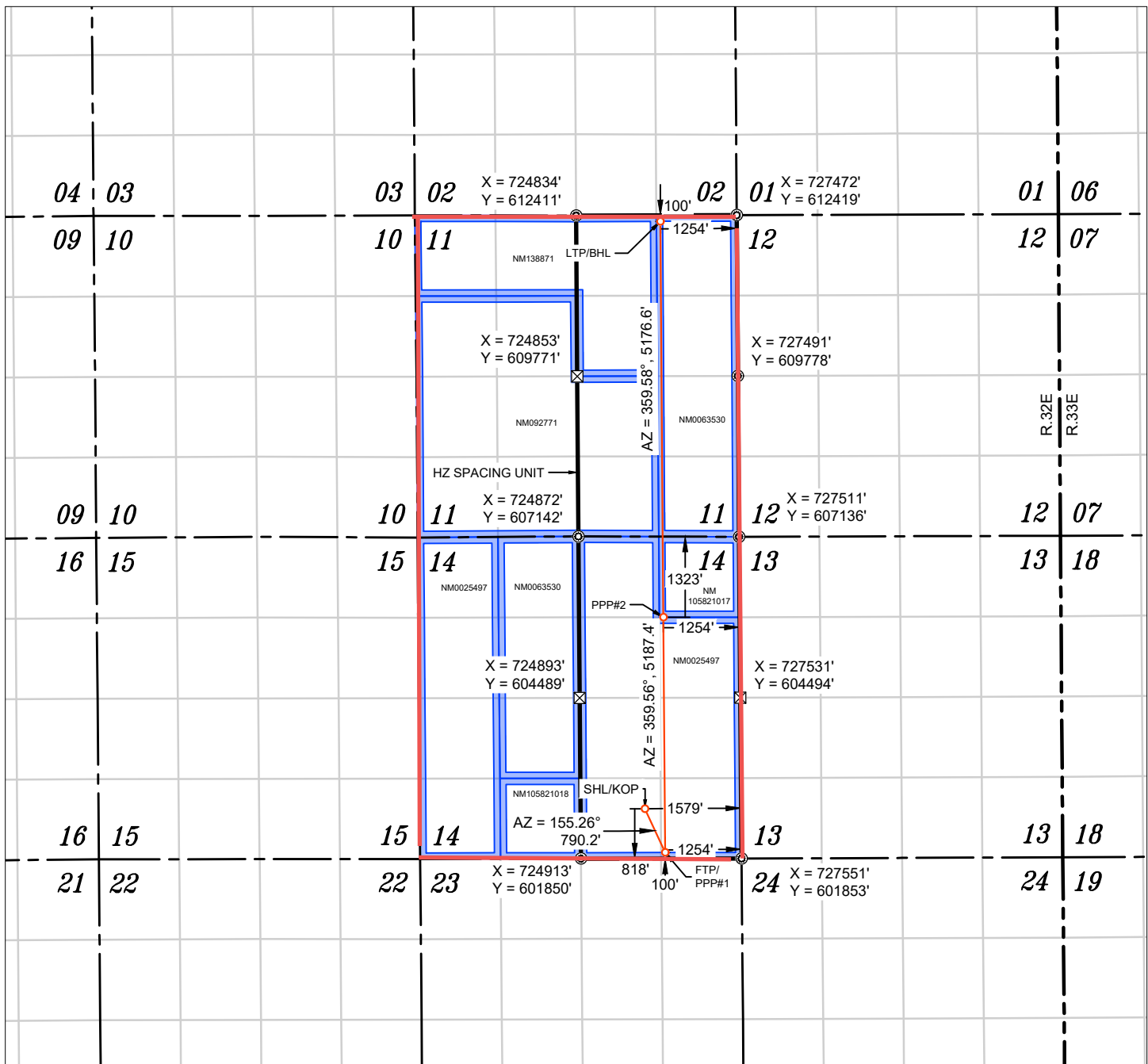
THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations 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										
WELL LOCATION INFORMATION										
API Number 30-025-54110		Pool Code 41442		Pool Name LUSK;BONE SPRING, EAST						
Property Code 336580		Property Name GRAYLING 14 FED COM					Well Number #605H			
OGRID No. 330396		Operator Name AVANT OPERATING, LLC					Ground Level Elevation 3626'			
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 O	Section 14	Township 19 S	Range 32 E	Lot	Ft. from N/S 818' FSL	Ft. from E/W 1579' FEL	Latitude 32.655350°	Longitude -103.733433°	County LEA	
Bottom Hole Location										
UL A	Section 11	Township 19 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 1254' FEL	Latitude 32.681859°	Longitude -103.732434°	County 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 O	Section 14	Township 19 S	Range 32 E	Lot	Ft. from N/S 818' FSL	Ft. from E/W 1579' FEL	Latitude 32.655350°	Longitude -103.733433°	County LEA	
First Take Point (FTP)										
UL P	Section 14	Township 19 S	Range 32 E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 1254' FEL	Latitude 32.653372°	Longitude -103.732372°	County LEA	
Last Take Point (LTP)										
UL A	Section 11	Township 19 S	Range 32 E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 1254' FEL	Latitude 32.681859°	Longitude -103.732434°	County LEA	
Unitized Area or Area of Uniform Interest				Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical			Ground Floor Elevation: 3626'			
OPERATOR CERTIFICATIONS <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>  12/10/2024					SURVEYOR CERTIFICATIONS <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 Meghan Twele					Signature and Seal of Professional Surveyor 23203 OCTOBER 11, 2024					
Printed Name mtwele@outlook.com					Certificate Number		Date of Survey			
Email Address										

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 #605H
ELEVATION: 3626'

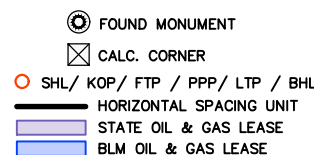
NAD 83 (SHL/KOP) 818' FSL & 1579' FEL
LATITUDE = 32.655350°
LONGITUDE = -103.733433°
NAD 27 (SHL/KOP)
LATITUDE = 32.655229°
LONGITUDE = -103.732934°
STATE PLANE NAD 83 (N.M. EAST)
N: 602668.85' E: 725965.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 602605.88' E: 684786.37'

NAD 83 (FTP/PPP#1) 100' FSL & 1254' FEL
LATITUDE = 32.653372°
LONGITUDE = -103.732372°
NAD 27 (FTP/PPP#1)
LATITUDE = 32.653251°
LONGITUDE = -103.731873°
STATE PLANE NAD 83 (N.M. EAST)
N: 601951.19' E: 726296.62'
STATE PLANE NAD 27 (N.M. EAST)
N: 601888.23' E: 685117.03'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
NM0025497	3864.05'
NM105821017	1323.35'
NM0063530	5176.64'
TOTAL	10364.04'

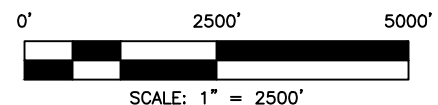
NAD 83 (PPP#2) 1323' FNL & 1254' FEL
LATITUDE = 32.663993°
LONGITUDE = -103.732397°
NAD 27 (PPP#2)
LATITUDE = 32.663872°
LONGITUDE = -103.731897°
STATE PLANE NAD 83 (N.M. EAST)
N: 605815.13' E: 726267.08'
STATE PLANE NAD 27 (N.M. EAST)
N: 605752.07' E: 685087.60'

NAD 83 (LTP/BHL) 100' FNL & 1254' FEL
LATITUDE = 32.681859°
LONGITUDE = -103.732434°
NAD 27 (LTP/BHL)
LATITUDE = 32.681738°
LONGITUDE = -103.731934°
STATE PLANE NAD 83 (N.M. EAST)
N: 612314.94' E: 726218.79'
STATE PLANE NAD 27 (N.M. EAST)
N: 612251.72' E: 685039.49'



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.



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 414301

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 414301
	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