# 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



Deana M. Bennett beana.bennett@modrall.com

Administrative Order NSP - 2236

## <u>ADMINISTRATIVE NON-STANDARD HORIZONTAL SPACING UNIT</u>

## Avant Operating, LLC [OGRID 330396]

Golden Tee 31 Federal Com Well No. 301H [30-025-49324]

Golden Tee 31 Federal Com Well No. 302H [30-025-49325]

Golden Tee 31 Federal Com Well No. 304H [30-025-49327]

Golden Tee 31 Federal Com Well No. 305H [30-025-49328]

Golden Tee 31 Federal Com Well No. 306H [30-025-49329]

Golden Tee 31 Federal Com Well No. 501H [30-025-49365]

Golden Tee 31 Federal Com Well No. 502H [30-025-49330]

Golden Tee 31 Federal Com Well No. 504H [30-025-49406]

Golden Tee 31 Federal Com Well No. 505H [30-025-49331]

Golden Tee 31 Federal Com Well No. 506H [30-025-49332]

Golden Tee 31 Federal Com Well No. 601H [30-025-50929]

Golden Tee 31 Federal Com Well No. 602H [30-025-50930]

Golden Tee 31 Federal Com Well No. 603H [30-025-50896]

Golden Tee 31 Federal Com Well No. 604H [30-025-49390]

Golden Tee 31 Federal Com Well No. 605H [30-025-49391]

Golden Tee 31 Federal Com Well No. 606H [30-025-49392]

All of Section 31, T22S, R35E and N/2 Section 06, T23S R35E, Lea County

Reference is made to your application received on November 14<sup>th</sup>, 2024.

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

NSP - 2236 Avant Operating, LLC Page 2 of 2

## **Proposed Increased Horizontal Spacing Unit:**

Description	Acres	Pool	Pool Code
All Section 31, T22S, R35E	957.44	Antelope Ridge; Bone Spring, North	2205
N/2 Section 06, T23S, R35E			

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) 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 efficiently locate surface facilities, reduce surface disturbance, consolidate roads/tanks/pipelines and promote effective well spacing. Therefore, preventing waste underlying the entirety of Section 31, T22S R35E and the N/2 of Section 06, T23S, R35E 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 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: <a href="https://document.com/oct/occupant/pdf">occupant/occupant

## **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

Released to Imaging: 1/15/2025 4:56:57 PM

Date: 1/14/2025

ID NO. 403525		NSP - 2236	3	Revised March 23, 2017
RECEIVED: 11/14/24	REVIEWER:	TYPE:	APP NO:	L2432355947
	- Geologico 220 South St. Fra	ATIVE APPLICATIO	ISION USE ONLY  ITION DIVISION  Bureau —  I Fe, NM 87505	NEW MEN AND MAN AND MA
			TIONS FOR EXCEPTIONS TO D DIVISION LEVEL IN SANTA FE	ivision rules and
pplicant: Avant Operating			OGRID	Number: <u>330396</u>
ell Name: Golden Tee Bone			API: Vario	
Antelope Ridge; Bone Sprin	g, North		Pool Co	de: 2205
) TYPE OF APPLICATIO A. Location – Space	<b>N:</b> Check those w	INDICATED BELOW which apply for [A]	W	ETYPE OF APPLICATION
□DHC [II]Injection -	ng – Storage – Me	easurement C	nced Oil Recovery	FOR OCD ONLY
B. Royalty, ove C. Application D. Notification E. Notification F. Surface owr	tors or lease hold erriding royalty ow requires published and/or concurred and/or concurred her above, proof of	ers ners, revenue own d notice nt approval by SLC nt approval by BL <i>N</i>	ners	Notice Complete Application Content Complete d, and/or,
) <b>CERTIFICATION:</b> I her administrative approunderstand that <b>no</b> notifications are sub	oval is <b>accurate</b> a <b>action</b> will be take	nd <b>complete</b> to the en on this applica	ne best of my know	ledge. I also
Note: State	ment must be complete	ed by an individual with	managerial and/or superv	isory capacity.
Deana M. Bennett			November 14, 2024 Date	
Print or Type Name			505 640 405	
Man Ma	nAAA		505-848-1834 Phone Number	
ignature 1 1 1	11000		deana.bennett@mod	rall.com
Signature			e-mail Address	

LAWYERS

## VIA ELECTRONIC FILING

November 14, 2024

Acting Director Razatos and OCD Engineering Bureau Oil Conservation Division Energy, Minerals and Natural Resources Department 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

RE: Application of Avant Operating, LLC for administrative approval of a 957.44 acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Dear Acting Director Razatos /OCD Engineering Bureau:

Avant Operating, LLC ("Avant"), OGRID Number 330396, respectfully requests administrative approval of a 957.44-acre, more or less, non-standard unit ("NSU") in the Bone Spring formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Without the NSU approval, Avant would have two separate 480-acre units, using proximity tract wells. Avant has determined that a single 954.77-acre unit is preferable to two 480-acre units because approval will allow Avant to reduce surface disturbance by consolidating roads, tank batteries, and pipelines. In addition, approval of Avant's application promotes effective well spacing and will allow Avant to commingle production.

The wells target the Bone Spring formation and the only pool within the Bone Spring formation underlying the proposed non-standard spacing unit is Antelope Ridge; Bone Spring, North (Pool Code: 2205), which follows the statewide spacing rules.

The Wells and APIs are:

- Golden Tee Fed Com 301H (API 30-025-49324)
- Golden Tee Fed Com 302H (API 30-025-49325)

Deana M. Bennett 505.848.1834 Deana.bennett@modrall.com

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com

- Golden Tee Fed Com 304H (API 30-025-49327)
- Golden Tee Fed Com 305H (API 30-025-49328)
- Golden Tee Fed Com 306H (API 30-025-49329)
- Golden Tee Fed Com 501H (API 30-025-49365)
- Golden Tee Fed Com 502H (API 30-025-49330)
- Golden Tee Fed Com 504H (API 30-025-49406)
- Golden Tee Fed Com 505H (API 30-025-49331)
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- Golden Tee Fed Com 601H (API 30-025-50929)
- Golden Tee Fed Com 602H (API 30-025-50930)
- Golden Tee Fed Com 603H (API 30-025-50896)
- Golden Tee Fed Com 604H (API 30-025-49390)
- Golden Tee Fed Com 605H (API 30-025-49391)
- Golden Tee Fed Com 606H (API 30-025-49392)

C-102s for each well are attached hereto as **Exhibit A**. Each well will comply with the statewide setback requirements for the non-standard spacing unit.

Avant's drilling program for this area will develop the Bone Spring formation underlying each of the 40-acre tracts comprising the proposed non-standard spacing unit area. Approval of this administrative application will allow for full development of this acreage, promote efficiently located surface facilities, reduce surface disturbance, consolidate roads, tanks and pipelines; and promote effective well spacing.

Tract maps are attached hereto as **Exhibit B**, which show the approximate Well locations. In addition, Exhibit B contains a list of the wells with pool and pool code.

**Exhibit C** is a letter from reservoir engineer explaining the need for a non-standard unit and the benefits associated with a non-standard, as opposed to standard, unit. Exhibit C includes two attachments that compare and contrast the standard versus non-standard unit scenario, including a map showing the comparison.

Avant is providing notice to all affected parties in the tracts that adjoin the proposed non-standard spacing unit, and the New Mexico State Land Office and the Bureau of Land Management. A map identifying the offset affected parties, as well as proof of mailing notice of the application (including a copy of the application) to affected persons entitled to notice is attached hereto as **Exhibit D**.

Your attention to this matter is appreciated.

Page 3

Sincerely,

Deana M. Bennett

Attorneys for Avant Operating,

LLC

<u>C</u> -	-102				Rev	rised July 9, 2024						
Sub	mit Elect	ronically			OIL CO	NOEKVE	IIION	1 DIVISION			☐ Init	ial Submittal
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	330396			Opera	tor Name	AVANT	OPE	ERATING, I	LLC		Ground	l Level Elevation 3454
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						Surf	ace I	ocation				
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UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longic E 6 23 S 35 E 5 2600 FNL 482 FWL 32.3337592° N 103.4136												County LEA
E   6   23 S   35 E   5   2600 FNL   482 FWL   32.3337592° N   103.4136												
Dedicated Acres Infill or Defining Well Defining Well API Overlapping Spacing Unit (Y/N) Consolidation												
SEC 31: 638.08 Ac. SEC 6: N/2 319.36 Ac. TOTAL ACRES: 957.44 Infill 30-025-49328 No												
Order Numbers. CA#143819 Well setbacks are under Common Ownership: ☐ Yes ☒ No												
						Kick O	ff Poi	int (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e	Longitude		County
M	30	22 S	35 E	4	360 FSL	595 F	WL	32.35640	061° N	103.4132497	° w	LEA
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	ed Name  mtwele	e@outle	ook.cor	n	EX.	HIBIT		rtificate Number Drilled Revised: 12	2/30/21	0ate of Survey 8/27/21	9/1	1/2024
2-1116						•	_	/			////	1001
	Note: No	allowable w	rill be assig	med to	this	What we say		en consolidated or	a non-stan	dard unit has been app	roved bu	the division.

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 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.

Plat Revised: 9/13/24

Legend:

Surface Location

O = Bottom Hole Location

♦ = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

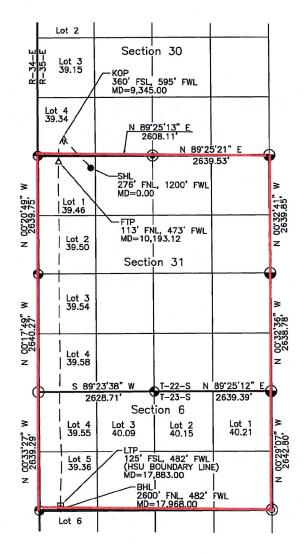
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 10-22-2021

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493983.73 N X= 826058.20 E LAT.= 32.3546614' N LONG.= 103.4112943' KICK OFF POINT NAD 83 NMSPC ZONE 3001 360' FSL, 595' FWL SEC. 30, T22S, R35E Y= 494613.28 N X= 825448.93 E LAT.= 32.3564061 N LONG.= 103.4132497 FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
113' FNL, 473' FWL
SEC. 31, T22S, R35E
Y= 494139.31 N
X= 825330.45 E
LAT.= 32.3551062' N
LONG.= 103.4136465' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2515' FNL, 482' FWL SEC. 6, T23S, R35E Y= 486457.92 N X= 825392.27 E LAT.= 32.3339925 N LONG.= 103.4136599 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486373.06 N X= 825393.64 E LAT.= 32.3337592 N LONG.= 103.4136579



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UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitud	le	Longitude		County	
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D	31	22 S	35 E	1	117	FNL	1242	FWL	32.35509	90° N	103	.4111569°	W	LEA
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UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitud			Longitude		County
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OPERATOR CERTIFICATIONS  I horoby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is 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.  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  9/23/2024  Signature  Date  Printed Name  Meghan Twele  Date of Salorizonda Revised: 12/30/21  mtwele@outlook.com  E-mail Address  SURVEYOR CERTIFICATION  I hereby certify that the well location or understond was plotted from field rotes of certification.  I hereby certify that the well location or understond in the land including the proposed bottom hole location or unleased mineral interest or understond the best of my supervision, and that the was plotted from field rotes of certification as plotted from field rotes of certification was plotted from field rotes of certification and that the was plotted from field rotes of certification as plotted from field rotes of certification and that the was plotted from field rotes of certification as pl											n shown on the surveys made same is true	de by 1	me	
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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 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.

Plat Revised: 9/13/24

Legend:

= Surface Location

O = Bottom Hole Location

♦ = Kick Off Point (KOP)

∆ = First Take Point (FTP)
 □ = Last Take Point (LTP)
 □ = Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

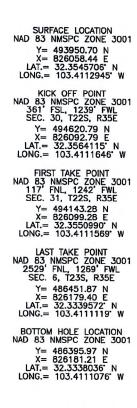
Found 1" Iron Rod

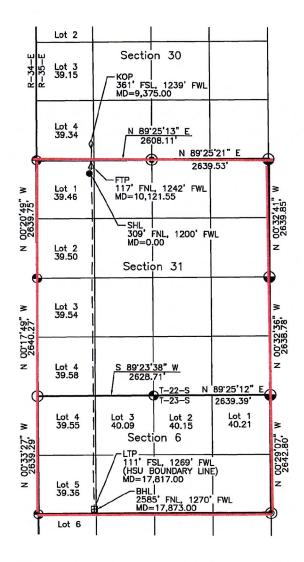
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 11-01-2021

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED





<u>C</u> -	-102			En		erals	State of New Mexico als & Natural Resources Department CONSERVATION DIVISION					vised July 9, 2024			
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Dedica	ted Acres				Infill	or Defi	ning Well	Defini	ng Well API	Overlappi	ing Spac	ing Unit (Y/N	)   Co	nsolidation Code	
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	Numbers.		#14381		111	11111			Well setbacks are	under Con		wnership:	Yes D	XI No	
		011	11 1501				Viola O							<u> </u>	
UL	Section	Township	Range	Lot	Ft. from	N/S	Ft. from		int (KOP) Letitud	e	I	Longitude		County	
В	31	22 S	35 E		243 F	NL	2592							LEA	
							First Ta	ake P	oint (FTP)						
UL	Section	Township	Range	Lot	Ft. from		Ft. from		Latitud	e		Longitude		County	
С	31	22 S	35 E		723 F	NL	2527	FWL	32.35343	79° N	103.	4070012	° W	LEA	
							Last Ta	ke P	oint (LTP)						
UL	Section	Township	Range	Lot	Ft. from		Ft. from		Latitud			Longitude		County	
F	6	23 S	35 E		2508 I	FNL	2520	FWL	32.33402	36° N	103.	4070591	° W	LEA	
Unitize		deral U		nterest	Spa	cing Ur	nit Type	Morizo	ontal Vertical	l		Ground F	100 <b>r El</b> 6 3448	200000000000000000000000000000000000000	
		<u>acrar</u> c	1110										<u> </u>		
I hereby my know organize includin location interest, entered  If this is consent in each	vertify the wledge and vition either g the prope pursuant t or to a va by the divi well is a he of at least tract (in t	belief, and, owns a wo sed bottom o a contract luntary pool sion. rizontal we one lessee the target pe	nation cont if the well iking intere hole locatio with an o ling agreem II, I further or owner o ol or formo	is verti st or uni n or has wner of ent or a certify a worki ution) in	rein is true as cal or directio leased mineral a right to dr a working int compulsory p that this orga ing interest or which any pa pooling order	mal well, I interest ill this u terest or cooling or mization r unlease art of the	ctual surveys made correct to the best of	the well locally me or un	VUK MEXI	supervision, and		ted from field notes of same is true and			
9/23/2024 Signature									Signature and Seal	_	Salan Marie California				
		eghan T	wele						4	LA.	9/	white			
Printe	ed Name mtv	vele@c	outlook	.com					Certificate Number		ate of Su		91	10/2024	
E-ma	il Address								neer consolidated or		-,,		//	1010-01	

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 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.

PLAT REVISED: 9/16/24

Legend:

. = Surface Location

0 = Bottom Hole Location

= Kick Off Point (KOP)

♦ = Rick Off Point (ROP)

Δ = First Take Point (FTP)

□ = Last Take Point (LTP)

□ = Found 1913 USGLO

Brass Cap

□ = Found 1918 USGLO

Brass Cap

□ = Found 1" Iron Rod

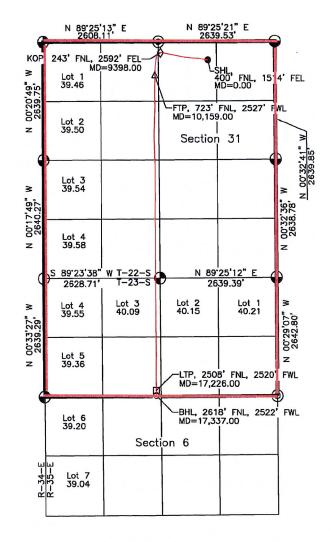
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493884.81 N X= 828594.16 E LAT.= 32.3543292' N LONG.= 103.4030856' W KICK OFF POINT NAD 83 NMSPC ZONE 3001 243' FNL, 2592' FEL SEC. 31, T22S, R35E Y= 494031.03 N X= 827513.96 E LAT.= 32.3547569' N LONG.= 103.4065792' W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 723' FNL, 2527' FWL SEC. 31, T22S, R35E Y= 493550.06 N X= 827387.81 E LAT.= 32.3534379 N LONG.= 103.4070012 W LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2508' FNL, 2520' FWL
SEC. 6, T23S, R35E
Y= 486486.82 N
X= 827431.01 E
LAT.= 32.3340236' N
LONG.= 103.4070591' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486375.87 N X= 827433.52 E LAT.= 32.3337186 LONG.= 103.4070541' W

DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 8/21/22



<u>C</u> -	-102			En		Minerals		ral Re	esources Depa	artment			Rev	vised July 9, 2024
Sub	mit Elect:	ronically				OIL CO	NSERVA	ATION	N DIVISION		ŀ		☐ Init	tial Submittal
Via	OCD Pern	nitting					AS-DI	RILI	.ED			Submittal		ended Report
							מל א	IVILL	لاظ			Туре:		Drilled
					***************************************								123.40	<u> </u>
APT 33						WE	LL LOCA	TION	INFORMATION					
	umber 80-025-	10328		Pool (		2205			Pool Name	talona l	2 idaa	Bone Spr	ing N	Jorth
	rty Code	49320		Prope	rty Nar			***************************************	Am	letope !	Niuge,	, bone spr		umber
	331355						GOLDE	N TE	E 31 FED (	COM				305H
OGRID	No. 330396	5		Opera	tor Nar	ne	AVANIT	- OB	EDATING I	1.0		-, "	Groun	d Level Elevation
Surfac		State [	7 Fee □ T	ribal 🔯	Federa	n]	AVAINI		ERATING, L  Mineral Owner:		Fac   T	ribal 🔽 Fadora	1	3475
					rodoro	•				State [	ree [] 1.	inal Ki redera	1	
UL	Section	Township	Dames	7-1	T 731	t >> /G	·		ocation					
В	31	Township 22 S	Renge 35 E	Lot		from N/S  O FNL	Ft. from		32.35432		107	Longitude 4028722	0 147	County
		LL O	OO L	<u> </u>	40	OTNE	1440		32.33432	9/ N	103.	4020122	YY	LEA
							Bottom	Hole	Location					
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude	-		Longitude		County
G	6	23 S	35 E		26	6 FNL	1508	FEL	32.33373	00° N	103.	4030577	° W	LEA
Dedica	ted Acres					Infill or Defi	ning Well	Defini	ing Well API	Overlan	ing Spa	cing Unit (Y/N	Co	nsolidation Code
	1: 638.08 : N/2 319		TOTAL ACR	ec. oe-		Defin		8	-025-49328	o voriup;	No	ome ome (1/14	,   55.	
	Numbers.		A#143	opening memoral	.44	Derm	ing						·	7 17
			(XII 1 + 3)	017					Well setbacks are	under co	шшоп о	wnership:	tes [2	No No
							Kick 0	ff Po	int (KOP)					
UL D	Section	Township	Range	Lot		from N/S	Ft. from		Latitude		Ī	Longitude		County
В	31	22 S	35 E		/ / 8	FNL	1605	FEL	32.355214	46° N	103	.4033813	° W	LEA
							First Ta	ke P	oint (FTP)					
υL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude	е		Longitude		County
В	31	22 S	35 E		42	8 FNL	1583	FEL	32.35425	43° N	103	.4033107	° W	LEA
							Lact Ta	ke D	oint (LTP)					
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude	e	Т	Longitude		County
G	6	23 S	35 E		250	3 FNL	1521 F		32.33404	14° N	103.		° w	LEA
Unitize	d Area or	Area of U	Uniform In	aterest		Spacing Ur	nit Type K	Horizo	ontal 🗌 Vertical			Ground Fl	oor Ele	vetion:
		Federa	ıl Unit										3448	•
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the two my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the lan 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 m interest, or to a voluntary pooling agreement or a compulsory pooling order heretoft entered by the division.  If this well is a horizontal well, I further certify that this organization has received.									SURVEYOR CER hereby certify that is citual surveys made is correct to the best of	the well loo by me or u	ation show	NUK	that the	
consent in each	of at least tract (in to will be loc	one lessee o he target po	or owner of ol or forma	a worki tion) in	ng inter which a pooling o	est or unlease my part of the order from the	d mineral ini well's comp division	terest leted	Signature and Seal c	l Professio		SYONAL SU	1000	
		Megl	nan Tw	ele						1 le	A	1/who	1	
Printe	d Name							-	Certificate Number	Г	ate of Su	rvey	,	
		ntwele@	outlo	ok.coi	n				1492	1	9/09/	′22	91	
E-ma	il Address		vill he accid						101	1,	-, 55/		//	

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 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.

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PLAT REVISED: 9/16/24

Legend:

Surface Location O = Bottom Hole Location

= Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

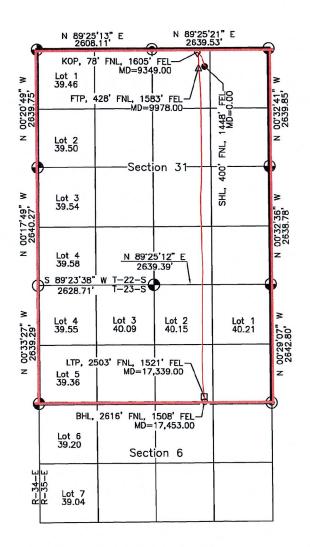
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD B3 NMSPC ZONE 3001 Y= 493885.56 N X= 82860.06 E LAT.= 32.3543297 N LONG.= 103.4028722 W KICK OFF POINT NAD 83 NMSPC ZONE 3001 78' FNL, 1605' FEL SEC. 31, T22S, R35E Y= 494206.11 N X= 828500.06 E LAT.= 32.3552146 N LONG.= 103.4033813 W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 428' FNL, 1583' FEL SEC. 31, T22S, R35E Y= 493856.94 N X= 828524.87 E LAT.= 32.3542543 N LONG.= 103.4033107 W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2503' FNL, 1521' FEL SEC. 6, T23S, R35E Y= 486503.91 N X= 828654.52 E LAT.= 32.3340414 N LONG.= 103.4030977 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486390.69 N X= 828667.88 E LAT.= 32.3337300° N LONG.= 103.4030577°

DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 8/10/22



<u>C</u> -	-102			En	ergy, Miner	State of Ne		exico sources Departn	nent			Re	evised July 9, 2024
Subi	mit Elect	ronically			OIL	CONSERVAT	'ION	DIVISION		-		□Ini	itial Submittal
Via	OCD Pern	nitting				AS-DR	ILL	ED			Submittal Type:		nended Report
											туре.	X As	Drilled
						WELL LOCATI	ION :	INFORMATION					
AND CONTRACTOR OF THE PARTY OF	umber	5-4932	20	Pool (		05		Pool Name	DIL	CE.	DONE CE	DIN	C NORTH
	rty Code	1355	- 7	Proper	rty Name		TE	ANTELOPE E 31 FED CON		GE;	BUNE SI		Number 306H
OGRID		0396		Operat	or Name							Groun	nd Level Elevation
Surfac		State	Fee T	ribal 🛚	Federal	AVANI		ERATING, LLC		ee 🗍 Tr	ibal 🕅 Federa	1	3505
						Surfac		ocation	<u> </u>			•	
UL	Section	Township	Range	Lot	Ft. from N	S Ft. from E	/W	Latitude			Longitude		County
_ A	31	22 S	35 E		583 FN	L   430 FE	EL	32.3538309	° N	103.	3995752	° W	LEA
				,				Location					
H H	Section 6	Township 23 S	Range 35 E	Lot	Ft. from N, 2618 FN		,						County
		20 3	33 L		2010 11	IL   334 FE		32.3337286	- IN	103.	3992339	V	LEA
SEC. 3	ted Acres 31: 638.08 5: N/2; 3	3 Ac. 19.36 Ac.	TOTAL: 9!	57.44 A				ng Well API Over -025-49328		ng Spac	ing Unit (Y/N	) Co	onsolidation Code
Order	Numbers.	C.A	\#1438	19			W	Tell setbacks are unde	er Com	mon O	vnership: 🔲	Yes [	∑ No
						Kick Off	Poi	nt (KOP)					
UL	Section	Township	Range	Lot	Ft. from N,		, County						
Α	31	22 S	35 E		195 FN	L   349 FE	EL	32.3548978	° N	103.	3993128	° W	LEA
777	- ··	lm 1.	-					oint (FTP)					
и. <b>А</b>	Section 31	Township 22 S	Range 35 E	Lot	Ft. from N, 709 FN			Latitude 32.3534868	。 N	103	Longitude 3992619	° W	County LEA
	<u> </u>					Last Take			••1	100.	0772017		
UL	Section	Township	Range	Lot	Ft. from N,			Latitude			Longitude		County
Н	6	23 S	35 E		2495 FN	NL   340 FE	EL	32.3340689	° N	103.	3992759	° W	LEA
Unitize	d Area or	r Area of I	Iniform Iv	terest	- I a .						T		
omuze		ederal U		itel est	Spacir	g Unit Type 🛚 I	lorizo	ntal 🗌 Vertical			Ground F	347	ST. 01 H002522499001
OPERATOR CERTIFICATIONS  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 vertical or directional well, that this organization either owns a working interest or unleased mineral 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.  If this well is a horizontal well, I further certify that this organization has received the													
in each	tract (in t	he target po	ol or forma	tion) in		of the well's complete n the division			OFF	10188	VAL SURVE		
Signat		Me	ghan T	wele	Date			Signature and Seal of Pro	A		M		
Printed Name  Certificate Number  Date of Survey    Matter of Survey   149 3/   9/17/24   6/											15/4	12024	
						-	9/11/24 10/1/2001						

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 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.

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Plat Revised: 9/26/24

Legend:

Surface Location = Bottom Hole Location

0 = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)

□ = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

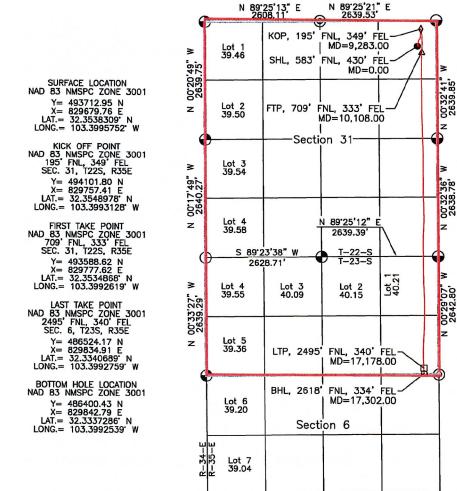
= Found 1" Iron Rod

O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 09-20-2022

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED



<u>C-102</u>	Ene	ergy, Minerals		esources Department		Revised July 9, 2024				
Submit Electronically		OIL COR	NSERVATION	DIVISION		☐ Initial Submittal				
Via OCD Permitting			AS-DRILL	ED	Submittal Type:	Amended Report				
					1,700.	🛚 As Drilled				
		WE	I.I. LOCATION	INFORMATION						
API Number	Pool C	ode	III DOCATION	Pool Name						
30-025-49365 Property Code	7	2205		Antelope	Ridge; Bone S	pring, North				
331355	Proper		GOLDEN TE	E 31 FED COM		50IH				
OGRID No. 330396	Operat	or Name	AVANT OP	ERATING, LLC		Ground Level Elevation 3454				
Surface Owner: State Fee	Tribal 🛚			Mineral Owner: State I	Fee Tribal X Federa					
			Surface L	ocation						
UL Section Township Range		Ft. from N/S	Ft. from E/W	Latitude	Longitude	County				
D 31 22 S 35	E   1	210 FNL	1200 FWL	32.3548427° N	103.4112937	° W LEA				
			Bottom Hole	Location						
UL Section Township Range		Ft. from N/S	Ft. from E/W	Latitude 32.3338179° N	Longitude	County				
E   6   23 S   35	E   3	2578 FNL	484 FWL	32.3338179° N	103.4136525	S° W   LEA				
Dedicated Acres SEC 31: 638.08 Ac. SEC 6: N/2 319.36 Ac. TOTAL	CRES: 957	Infill or Defi		ing Well API Overlapp 0-025-49328	ing Spacing Unit (Y/I	N) Consolidation Code				
Order Numbers. CA#1438	9			Well setbacks are under Con	nmon Ownership:	Yes 🛛 No				
			Kick Off Po	int (KOP)						
UL Section Township Rang		Ft. from N/S	Ft. from E/W	Latitude	Longitude	County				
M 30 22 S 35	E   4	22I FSL	580 FWL	32.3560234° N	103.4132996	o° W LEA				
			First Take P							
UL Section Township Range D 31 22 S 35		Ft. from N/S	Ft. from E/W 474 FWL	Latitude 32.3550976° N	Longitude 103.4136449	County County LEA				
5   01   22 0   00	-   -	110 1 142	Last Take P		100.410044	W				
UL Section Township Rang		Ft. from N/S	Ft. from E/W	Latitude	Longitude	County				
E 6 23 S 35	E   5	2526 FNL	483 FWL	32.3339608° N	103.4136557	'° W LEA				
w					1					
Unitized Area or Area of Uniform Federal Unit	Interest	Spacing Ur	nit Type 🛚 Horize	ontal		Moor Elevation: 3427'				
						.2,				
OPERATOR CERTIFICATIONS  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 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.  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.  9/23/2024  Signature  Date  Meghan Twele  Printed Name  E-meil Address  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field potes of adjust of the twell was plotted from field potes of adjust of the twell was plotted from field potes of adjust of the twell was plotted from field potes of adjust of the twell was plotted from field potes of adjust of the three was plotted from field potes of adjust of the twell was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the well was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of the was plotted from field potes of adjust of th										

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 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.

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Plat Revised: 9/13/24

Legend:

= Surface Location

O = Bottom Hole Location = Kick Off Point (KOP)

∆ = First Take Point (FTP)
 □ = Last Take Point (LTP)
 □ = Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

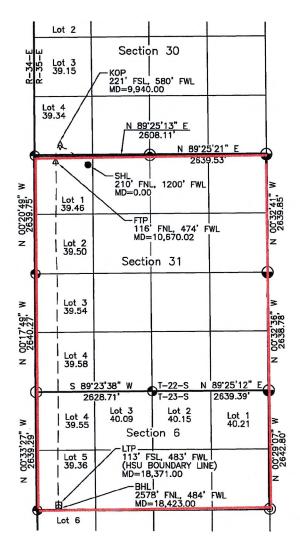
= Found 1" Iron Rod

O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 10-03-2021 NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494049.70 N X= 826057.82 E LAT.= 32.3548427 N LONG.= 103.4112937 KICK OFF POINT NAD 83 NMSPC ZONE 3001 221' FSL, 580' FWL SEC. 30, T22S, R35E Y= 494473.92 N X= 825434.72 E LAT.= 32.3560234\* N LONG.= 103.4132996\* FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
116' FNL, 474' FWL
SEC. 31, T22S, R35E
Y= 494136.19 N
X= 825330.95 E
LAT.= 32.3550976' N
LONG.= 103.4136449' W LAST TAKE POINT NAD 83 NMSPC ZONE 30 2526' FNL, 483' FWL SEC. 6, T23S, R35E Y= 486446.41 N X= 825393.66 E LAT.= 32.3339608 N LONG.= 103.4136557 BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486394.43 N X= 825395.11 E LAT.= 32.3338179 I LONG.= 103.4136525



<u>C</u> -	-102			En	ergy, Minerals		Mexico Resources Departme N DIVISION	ent		Rev	rised July 9, 2024
	mit Electi				OIL CO	NSERVATIO	N DIVISION			☐ Init	tial Submittal
Via	OCD Pern	ntting				AS-DRIL	LED		Submittal Type:	☐ Am	ended Report
								-23.		⊠ As	Drilled
					W	ELL LOCATION	INFORMATION				
	umber	220		Pool (			Pool Name	5.1	ъ с		Y .1
	025-49	330		_	2205		Antelop	e Ridge	e; Bone Spi		
_	<b>rty Code</b> 331355			Prope	rty Name	GOLDEN T	EE 31 FED COM		Well N	umber 502H	
OGRID		<u> </u>		Opera	tor Name	AVANT OF	PERATING, LLC			Groun	d Level Elevation 3454
Surfac		State [	Fee 🗆 T	ribal X	Federal	AVAINTOI	Mineral Owner: ☐ State	☐ Fee ☐ '	Tribal 🕅 Federa	1	3434
					11000	Surface			Tibu (A) Todoro	•	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	T	Longitude		County
D	31	22 S	35 E	1	243 FNL	1200 FWL		N 103	3.4112940	° W	LEA
		L				Bottom Hol					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County	
Е	6	23 S	35 E	5	2588 FNL	1264 FWL	32.3337945°	N 10	3.4111254°	w	LEA
	l		L	<u> </u>							
	ted Acres	Ac.			Infill or De	•			acing Unit (Y/N	) Co	nsolidation Code
		9.36 Ac.			7.44 Infill	30	0-025-49328	No			
Order	Numbers.	CA <sup>‡</sup>	<del>414381</del>	9			Well setbacks are under	Common	Ownership:	Yes [	No No
						Kick Off P	oint (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
M	30	22 S	35 E	4	478 FSL	II77 FWL	32.3567340°	N   103	3.4113645	• W	LEA
						First Take	Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
D	31	22 S	35 E	1	104 FNL	1259 FWL	_ 32.3551330°	N 10	3.4III033°	, M	LEA
						Last Take	Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
E	6	23 S	35 E	5	2533 FNL	1263 FWL	_ 32.3339455°	N IO	3.4III283°	<b>W</b>	LEA
Unitize	ed Area or	Federal		nterest	Spacing U	nit Type 🛚 Hori	zontal		Ground F	100r E16 3427	_
		1 cacra	Ome		L					3 127	
I hereby	y certify the		nation cont	ained her	rein is true and comp cal or directional wel	The second secon	SURVEYOR CERT I hereby certify that the	well locati	ion shown on th		
organiz includir location	ation either ng the propo pursuant t	owns a wo sed bottom o a contract	rking intere hole locatio with an o	st or uni n or has wner of	leased mineral intere a right to drill this a working interest or	et in the land well at this unleased mineral	was plotted from field no or under my supervision, correct to the best of my	and that	the some is tre	ie oy m ie and	ee
	by the divi		wy agreem	ити <b>от а</b>	compulsory pooling	nuer neretojore	1-	S/8/	MEXICO	:	
					that this organization		(-	1 14	4831)	r	
in each	tract (in t	he target po	ol or forme	ition) in	ing interest or unleas which any part of th	e well's completed	77				
interval	will be loo	ated or obto	rined a com	ipulsory j	pooling order from th			1500	NAL SURIE	/	
Signa	ture	· (n			9/23/202 Date	T	Signature and Seal of Profe	essional Sur	NAL S		
,	Me	ghan T	wele				( hole)	1 %	whol		
Printe	ed Name						Certificate Number As-Drilled Revised: 12/30/21		Survey		,
E-me	mtv ail Address	vele@o	utlook.	com			14831	8/27	7/21	91	17/2024
	Alotos Alo	allowable a	ull be seen	lamed do	this completion and	I all interests have	heen consolidated or a non-				

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 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.

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Plat Revised: 9/13/24

Legend:

Surface Location

= Bottom Hole Location = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

→ = Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

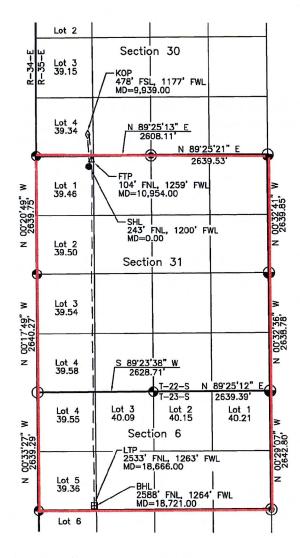
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 10-11-2021

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494016.69 N X= 826058.03 E LAT.= 32.3547520 N LONG.= 103.4112940 N KICK OFF POINT NAD 83 NMSPC ZONE 3001 478' FSL, 1177' FWL SEC. 30, T22S, R35E Y= 494737.57 N X= 826030.05 E LAT.= 32.3567340 N LONG.= 103.4113645 FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 104' FNL, 1259' FWL SEC. 31, T22S, R35E Y= 494155.82 N X= 826115.71 E LAT.= 32.3551330 N LONG.= 103.4111033 W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2533' FNL, 1263' FWL SEC. 6, T23S, R35E Y= 486447.56 N X= 826174.37 E LAT.= 32.3339455 N LONG.= 103.4111283 N BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486392.62 N X= 826175.73 E LAT.= 32.3337945 N LONG.= 103.4111254 N



<u>C</u> -	102			Enc	ergy, Minerals		ral Re	esources Depa	artment	-		Re	evised July 9, 2024
	nit Electr				OIL COL	NSERVA	TION	DIVISION				□ In	itial Submittal
Via (	OCD Perm	itting				AS-DI	RILI	ED			Submittal Type:	☐ Aɪ	nended Report
						ne Di					Type.	⊠ As	Drilled
						LL LOCA	TION	INFORMATION	Ι				
API Nu		10406		Pool 0	2205			Pool Name	ntalona	Didae	e; Bone S <sub>1</sub>	nrinc	North
Proper	30-023	5-49406	)	Proper	rty Name			A	interope	Riuge	, bone s		Number
	31355					GOLDE	N TE	E 31 FED (	COM		^	022	504H
OGRID				Operat	tor Name					***************************************		Grou	nd Level Elevation
	30396					AVANI		ERATING, L					3475
Surfac	e Owner:	☐ State ☐	Fee T	ribal [X]	Federal			Mineral Owner:	State   F	ee 📙 Tri	bal K Federa	d .	
						Surfa	ace L	ocation					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	E/W	Latitud			Longitude		County
В	31	22 S	35 E		400 FNL	1481 1	FEL	32.35432	99° N	103.4	4029807	° W	LEA
						Bottom	Hole	Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e	Ι	Longitude		County
F	6	23 S	35 E		2622 FNL	2524	10.00	32.33370		103.4	4070467	o w	
					1			102.000.0					
	ted Acres				Infill or Defi	ning Well	Defini	ing Well API	Overlapp	ing Spaci	ing Unit (Y/N	() C	onsolidation Code
	1: 638.08 : N/2 319	Ac. 9.36 Ac. 1	TOTAL ACE	ES: 957	Infill		30-	025-49328		No			
Order	Numbers.	CA	#1438	19				Well setbacks are	under Con	nmon Ow	nership:	Yes	⊠ No
						771 1 0	44.5	/****		***************************************			
UL	Gaatian.	m	D	7-4	TH. 6 NY /O			int (KOP)					
В	Section 31	Township 22 S	Range 35 E	Lot	Ft. from N/S 52 FNL	Ft. from 2628					Longitude +066936	. O 14	County LEA
В	<u> </u>	ZZ 3	33 E		32 FNL	2020	FEL	EL   32.3552831° N  103.4			1000936	<b>V</b> V	LEA
						First Ta	ake P	oint (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud			Longitude		County
С	31	22 S	35 E		455 FNL	2515	FWL	32.35417	47° N	103.4	4070369	o W	LEA
						Lect Te	ko D	oint (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	le	Г	Longitude		County
F	6	23 S	35 E		2520 FNL	2521 1	FWL	32.33398	92° N	103.4	4070567	o W	The second secon
				.l				1					
Unitize	d Area or	Area of U	Uniform I	nterest	Specing II	nit Trme I	VI Howing	ontal D Vortice	,		Ground F	loor E	levation:
		Federa	al Unit		Spacing of	in type	y 110112	Ontal   Volume	•				
Decided Area of Uniform Interest Federal Unit    Spacing Unit Type   Horizontal   Vertical   Ground Floor Elevation: 3448'													
Printe								Certificate Number	D	ate of Sur	vey		//.
		@outloo	ok.com					74931		9/09/	22	9	7/18/2024
E-ma	il Address		will he need	ioned to	this completion until	all interest	e have	haen compolidated or	a mon-etar	ndard seri	t has been and	/	by the displace

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 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 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.

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PLAT REVISED: 9/16/24

## Legend:

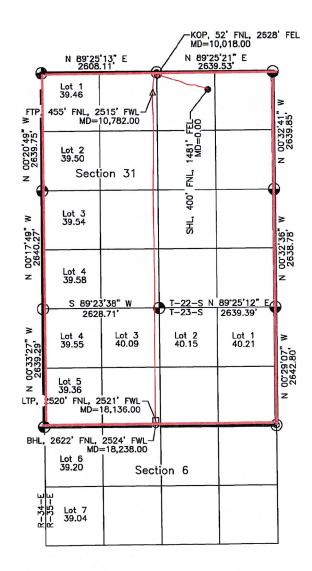
- Surface Location
- = Bottom Hole Location
- $\Diamond$  = Kick Off Point (KOP)  $\Delta$  = First Take Point (FTP)  $\square$  = Last Take Point (LTP)
- = Last Take Point (LT = Found 1913 USGLO
- Brass Cap
- Found 1918 USGLO
  Brass Cap

  Found 1" Iron Rod
- O = Found 1/2" Rebar with Cap
- = Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493885,34 N X= 828626,54 E LAT.= 32,3543299 N LAI.= 32.3543299 N LONG.= 103.4029807 W KICK OFF POINT
NAD 83 NMSPC ZONE 3001
52' FNL, 2628' FEL
SEC. 31, T22S, R35E
Y= 494222.19 N
X= 827476.98 E
LAT.= 32.3552831' N
LONG.= 103.4066936' W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 455' FNL, 2515' FWL SEC. 31, T22S, R35E Y= 493818.01 N X= 827374.44 E LAT.= 32.3541747 N LONG.= 103.4070369 W LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2520' FNL, 2521' FWL
SEC. 6, T23S, R35E
Y= 486474.30 N
X= 827431.87 E
LAT.= 32.3339892' N
LONG.= 103.4070567' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 X= 486372.40 N X= 827435.84 E LAT.= 32.3337090' N LONG.= 103.4070467'

NOTE: NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 9/16/22



<u>C</u> -	-102			Ene	ergy, Minerals			rtment			Re	vised July 9, 2024
	nit Electr				OIL CON	NSERVATIO.	N DIVISION				☐ Ini	tial Submittal
Via (	OCD Perm	itting				AS-DRILI	ED			Submittal Type:	☐ An	nended Report
						ic Divibi				гуре.	X As	Drilled
L												
						LL LOCATION	INFORMATION					
	-025-49 rty Code	9331		Pool C	2205		Pool Name	ntelope	Ridge;	Bone Sp		
	31355			Proper	ty Name	GOLDEN TI	EE 31 FED 0	СОМ			Wеп 1	Number 505H
OGRID	T			Operat	or Name						Groun	nd Level Elevation
	330396					AVANT OP	ERATING, L					3475
Surfac	e Owner:	State	Fee T	ribal 🛚	Federal		Mineral Owner:	State   F	ee 🗌 Trib	al X Federa	d	
						Surface I	Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	e	<u> </u>	Longitude		County
В	31	22 S	35 E		400 FNL	1415 FEL	32.35432	99° N	103.4	027669	o W	LEA
			***************************************			D 11 17 1						
UL	Section	Township	Range	Lot	Ft. from N/S	Bottom Hole	e Location Latitude		T	Tomoitudo		
G	6	23 S	35 E	Lot	2623 FNL	1544 FEL		-	1	Longitude +031742	0 W	County LEA
0		20 0	30 L	L	ZOZO I NL	1044 1 LL	32.333717	20 14	103.4	1031742	. 44	LEA
Dedica	ted Acres				Infill or Defi	ning Well Defin	ing Well API	Overlappi	ing Spacir	ng Unit (Y/N	() Co	onsolidation Code
	1: 638.08	Ac. 9.36 Ac.	TOTAL ACT		T (*11		-025-49328		No		´	
	Numbers.		A#1438		.44	1 30	Well setbacks are			ovehin:	Von I	X No
01401	1141111111111		1// 1/30	317			wen setbucks the	under con	IIIIOI OWI	iersmp.	169 (	<u>A</u> No
						Kick Off Po	oint (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W						County
В	31	22 S	35 E		49 FNL	1534 FEL	32.35529	39° N	4031513	° W	LEA	
						First Take I	Point (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	e	Τ	Longitude		County
В	31	22 S	35 E		575 FNL	1519 FEL	32.35384	95° N	103.4	+03I027	° W	LEA
L						Last Take F	Point (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	e		Longitude		County
G	6	23 S	35 E		2509 FNL	1544 FEL	32.33402	54° N	103.4	+031720	° W	LEA
												J
Unitize	d Area or	Area of U	Jniform In	terest	Spacing IIr	nit Type 🔯 Horiz	sontal			Ground F	loor El	evation:
	F	ederal	Unit		pacing of	по гуро (д) погл	ontal			344		
OPERATOR CERTIFICATIONS  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 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.  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  SURVEYOR CERTIFICATIONS  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.  A VUKONETIONS  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.  A VUKONETIONS  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.												
-	9/23/2024											
Signat	ture	Meg	ghan Ty	vele			Signature and Seal	of Profession	0//	ne let	1	
Printe	ed Name						Certificate Number	,	ate of Surv	•	~1	15 1 . 1 W
E-ma	il Address	twele@	outiool	x.com	1		17811		9/09/2	22	7/1	8/20/7
		allowable 1	vill be assi	aned to	this completion until	all interests have	heen consolidated or	a non-stan	dord smit	has been and	oronaed h	y the division.

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 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.

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PLAT REVISED: 9/16/24

#### Legend:

= Surface Location = Bottom Hole Location

= Kick Off Point (KOP)

= First Take Point (FTP) = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap = Found 1918 USGLO

Brass Cap

= Found 1" Iron Rod

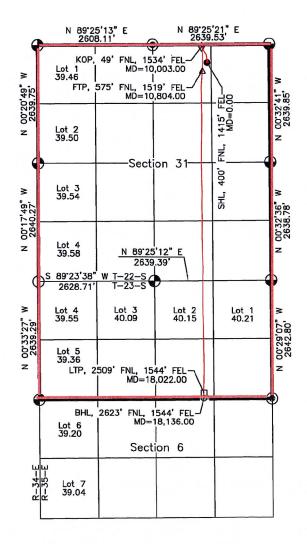
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493885.92 N X= 828692.58 E LAT.= 32.3543299 N LONG.= 103.4027669 W KICK OFF POINT NAD 83 NMSPC ZONE 3001 49' FNL, 1534' FEL SEC. 31, T22S, R35E Y= 494235.60 N X= 828570.81 E LAT.= 32.3552939' N LONG.= 103.4031513' W FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
575' FNL, 1519' FEL
SEC. 31, T22S, R35E
Y= 493710.24 N
X= 828590.41 E
LAT.= 32.3538495' N
LONG.= 103.4031027' W LONG.= 103.403102/ w
LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2509' FNL, 1544' FEL
SEC. 6, T23S, R35E
Y= 486497.86 N
X= 828631.63 E
LAT.= 32.3340254' N
LONG.= 103.4031720' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486383.86 N X= 828631.95 E LAT.= 32.3337120 N LONG.= 103.4031742' W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 8/02/22



<u>C</u> -	-102			En	erøv		ate of 1		Mexico esources Depa	rtment			Re	evised July 9, 2024
									N DIVISION	ı uniciit			-	
Subi Via	mit Elect: OCD Pern	ronically nitting										Submittal		itial Submittal
- ms							AS-D	RILL	ÆD			Type:		nended Report
					***************************************							1	X As	Drilled
						WE	LL LOCA	TION	INFORMATION					
	umber 30-02	5-4933	52	Pool (	Code	2205			Pool Name ANTELO	PE RII	DGE;	BONE SF	PRIN	G, NORTH
•		1355		Prope	rty Nai		GOLDE	N TE	E 31 FED C	ОМ			Well 1	Number 506H
OGRID	33	0396		-	tor Na		AVANT		ERATING, L					3505
Surfac	e Owner:	State [	Fee T	ribal X	Feder	al			Mineral Owner:	State 🗌 F	ee 🗌 T	ribal 🛚 Federa	1	
							Surf	ace L	ocation					
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude			Longitude		County
Α	31	22 S	35 E		55	0 FNL	430	FEL	32.35392	ilo N	103.	3995752	e° W	LEA
	Botton								Location					
UL	Section	Township	Range	Lot		from N/S	Ft. from	ı E/W	Latitude			Longitude		County
Н	H 6 23 S 35 E 2619 FNL 333								32.33372	64° N	103.	3992525	° W	LEA
SEC 3	ted Acres 1: 638.08	Ac. 9.36 Ac.	TOTAL AC	RES: 95		Infill or Defi	ning Well		ing Well API -025-49328	Overlapp	ing Spa	cing Unit (Y/N	) Co	onsolidation Code
	Numbers.		<del>\</del> #1438			1111111		Ή.	Well setbacks are	under Cor	nmon C	wnership:	Yes [	☑ No
							Kick 0	ff Po	int (KOP)					
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from							
Α	31	22 S	35 E		53	FNL	347 1	FEL	32.35528	79° N	103.	3993077	° W	
							First Ta	ake P	oint (FTP)					
UL.	Section	Township	Range	Lot		from N/S	Ft. from	•	Latitude			Longitude		County
Α	31	22 S	35 E		5/	5 FNL	352 I	FEL	32.35385	30° N	103.	3993239	, W	LEA
							Last Ta	ke P	oint (LTP)					
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude			Longitude		County
Н	6	23 S	35 E		250	08 FNL	336	FEL	32.33403	I4° N	103	.3992618	° W	LEA
Unitize		r Area of 1 ederal (		nterest		Spacing Un	nit Type	Morize	ontal			Ground F	347	
	1	cuciai	JIIIL										347	8
OPERATOR CERTIFICATIONS  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 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.  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  10/4/2024  Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address									SURVEYOR ( Thereby certify the was plotted from for under my super correct to the best  Signature and Scal of Certificate Number	at the wellield notes vision and of my hel	l location with the last last last last last last last last	m shown on the structure is true is tr	ue and	ne
E-me			a outil	, o k . c (	/111								1/28/	

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 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.

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N 89'25'13," E 2608.11'

Plat Revised: 9/26/24

Legend:

= Surface Location

= Bottom Hole Location = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

**(** = Found 1" Iron Rod

0 = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 09-12-2022

N 89°25'21" E 2639.53'

₹

00°32° 2639.

Z

₹

36, 00'32'3 2638.7

Z

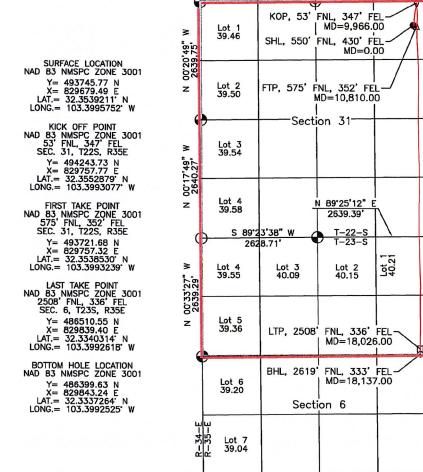
≥

00'29'07" 2642.80'

z

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NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED



<u>C</u> -	-102			Ene	ergy, Minerals	Mexico Revised July 9, 2024 Resources Department							
	nit Electr				OIL CO	NSEKVA	TIOI	DIVISION		Γ		☐ Ini	itial Submittal
Via	OCD Perm	itting				AS-DF	RILL	ED			Submittal Type:	☐ An	nended Report
											Type.	Drilled	
	***************************************				W	ELL LOCA	TION	INFORMATION					
API N		0020		Pool (	Code			Pool Name		D:1-	D C		N41-
	)-025-5 rty Code	0929		Proper	2205			P	anterope	Riag	e; Bone S		yumber
3	31355					GOLDE	N TE	E 31 FED (	COM				60IH
OGRID 33	No. 30396			Operat	tor Name	AVANT	OPI	ERATING, L	LC.			Groun	d Level Elevation 3454
		State	Fee 🗌 T	ribal 🔯	Federal			Mineral Owner:		ee 🗌 Tr	ibal 🛭 Federa	al .	
						Surfa	ce L	ocation					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	E/W	Latitude	е		Longitude		County
С	31	22 S	35 E		186 FNL	1497 F	FWL	32.35491	04° N	103.	4103325	° W	LEA
		•	***************************************		<u> </u>	Bottom	Hole	Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e	Γ	Longitude		County
Е	6	23 S	35 E	5	2568 FNL	334 F	WL	32.33384	65° N	103.	4141384	° W	LEA
Dedica	ted Acres				Infill or De	fining Well	Defin	ing Well API	Overland	na Sna	ing Unit (Y/I	n   C	onsolidation Code
SEC 3	1: 638.08	Ac. 9.36 Ac.	TOTAL ACT	DEC. 057	T C 11	ming wen		025-49328	Overrapp	ng spac No	ing ome (171	"   "	onsondation code
	Numbers.		A#1438		7.44			Well setbacks are	under Con		vnership:	Yes [	XI No
			THE TO	<u> </u>		Kick O	ff Po	int (KOP)					
UL											Longitude		County
D	31	22 S	35 E	1	42 FNL	313 F	WL	32.35530	08° N	103.	4141643	° W	LEA
						First Ta	ke P	oint (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	and the second		Longitude		County
D	31	22 S	35 E	1	534 FNL	319 F	WL	32.35394	.97° N	103	4141506	° W	LEA
					4			oint (LTP)					_
UL E	Section 6	Township 23 S	Range 35 E	Lot 5	Ft. from N/S 2504 FNL	Ft. from		32.33402	103	Longitude 4 4 355	County		
		20 0	OO L		2004 1 142	1 000 1	***	JZ.3340Z	<u> </u>	100	4141000		LLA
Unitize	ed Area or	Area of	Uniform I	nterest	Spacing U	Jnit Type [	Horiz	ontal   Vertical	1		Ground I		
	Fe	deral U	Init									3427	7'
I hereby my kno organize includir location interest entered  If this consent in each	y certify the weldge and ation either of the prope pursuant i or to a ve by the divi well is a he of at least tract (in t	belief, and, owns a wo used bottom to a contrac oluntary pool ision.  orizontal we one lessee he target po	mation cont if the wel rking inters hole locatio t with an o ling agreen  II. I further or owner o ool or forme	l is verti  sst or un  m or has  nwner of  nent or a  r certify  f a work  ation) in	rein is true and come cal or directional we leased mineral interes a right to drill this a working interest or compulsory pooling that this organizationing interest or unlease which any part of the pooling order from the second secon	i, that this st in the land well at this runleased min order heretofor a has received sed mineral in he well's comple division	st of interest of the sterest	SURVEYOR CEF I hereby certify that uctual surveys made correct to the best of	the well loce by me or us my belief.	A VI	UKON CT	that th	tted from field notes of e same is true and
Signa		leghan	Twele					Signature and Seal Certificate Number	eles.	ate of Su	a lit	1	, ,
E-ma	m il Address	twele@	outloo	k.con	1			14931	/	5/10/	′23	9.	11/2024

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 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.

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PLAT REVISED: 9/12/24

## Legend:

Surface Location (SHL)

O = Bottom Hole Location (BHL)

= Kick Off Point (KOP)

△ = First Take Point (FTP)
□ = Last Take Point (LTP)
□ = Found 1913 USGLO

= Found 1913 USGLO Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

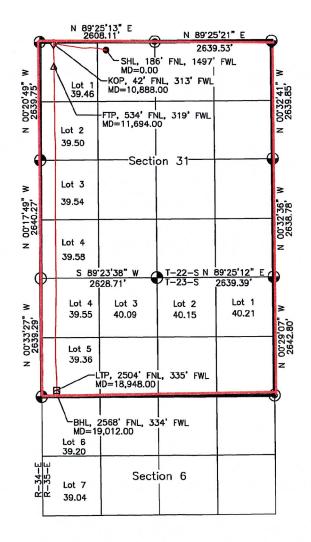
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494076.87 N X= 826354.45 E LAT.= 32.3549104 LONG.= 103.4103325 KICK OFF POINT NAD 83 NMSPC ZONE 3001 42' FNL, 313' FWL SEC. 31, T225, R35E Y= 494208.73 N X= 825169.95 E LAT.= 32.3553008 N LONG.= 103.4141643 W FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
534' FNL, 319' FWL
SEC. 31, T22S, R35E
Y= 493717.22 N
X= 825178.39 E
LAT.= 32.3539497' N
LONG.= 103.4141506' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2504' FNL, 335' FWL SEC. 6, T23S, R35E Y= 486467.54 N X= 825245.27 E LAT.= 32.3340224 N LONG.= 103.4141355 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486403.55 N X= 825244.94 E LAT.= 32.3338465' N LONG.= 103.4141384' W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 3/22/23



<u>C</u> -	-102			En	ergy, Minerals		Resources Department					vised July 9, 2024	
	mit Electi OCD Pern				OIL CO	NSERVA	ATION	N DIVISION				☐ Ini	tial Submittal
VIE	OCD Peri	ntting				AS-D	RILL	LLED Submitte					nended Report
												⊠ As	Drilled
					W.	ELL LOCA	ATION	INFORMATION	1				
	umber )-025-5	0930		Pool (	2205			Pool Name	ntelone	Rida	e; Bone S	nrino	North
Prope	rty Code 31355	0730		Prope	rty Name	GOL DE	N TE	E 31 FED (	-	Riugi	c, Done 3		Number 602H
OGRID			Jan - 134	Opera	tor Name	GOLDL	14 11	L JIILD	CO11			Groun	d Level Elevation
	<u>330396</u>					AVAN	ГОР	ERATING, I	LLC				3454
Surfac	e Owner:	State	Fee 🔲 T	ribal X	Federal		l	Mineral Owner:	State 🔲 F	ee 🗌 Tri	ibal 🛚 Federa	al	
						Surf	ace L	ocation					
ΩL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	100	Latitud			Longitude		County
С	31	22 S	35 E	<u> </u>	185 FNL	1530	FWL	32.3549	II7° N	103.	4102261	° W	LEA
						Bottom	Hole	Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	n E/W	Latitud	le		Longitude		County
E	6	23 S	35 E	5	2570 FNL	1241	FWL	32.33384	45° N	103	.4112011°	W	LEA
Dedica	ted Acres				Infill or De	fining Well	Defini	ing Well API	Overlann	ing Space	ing Unit (Y/N	n) Co	nsolidation Code
SEC 3	1: 638.0B : N/2 319		TOTAL ACF	RES: 957		ining wen		-025-49328	Overtapp.	No	mg omt (171	,	disolidation code
Order	Numbers.	(	CA#14.	3819				Well setbacks are	under Con	nmon Ow	vnership: 🔲	Yes [	☑ No
						Kick 0	ff Po	int (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	le		Longitude		County
С	31	22 S	35 E		49 FNL	1348	FWL	32.35528	60° N	103	.4108141	° W	LEA
						First Ta	ake P	oint (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	le		Longitude		County
D	31	22 S	35 E	1	529 FNL	1261 1	FWL	32.35396	54° N	103.	4110997	° W	LEA
						Last Ta	ake P	oint (LTP)					
υL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud			Longitude		County
E	6	23 S	35 E	5	2483 FNL	1241	-WL	32.33408	35° N	103.	4112029	° W	LEA
r ==													
Unitize		• <b>Area of</b> 1 Federal		nterest	Spacing U	Jnit Type	Horiz	ontal	1		Ground F	<b>Toor El</b>	
		cuciai	Omt									3421	
I hereby my kno organize includin location interest entered If this consent in each interval	y certify the wledge and ation either gy the prope pursuant t or to a we by the divi well is a he of at least tract (in t will be loo	belief, and, owns a won used bottom o a contract cluntary pool sion.  rizontal wei one lessee the target po	nation cont if the well king intere hole locatio t with an o king agreem II, I further or owner oj ol or forma inned a com	is verticest or united to the second or a correctify a workington) in	rein is true and come cal or directional we leased mineral intere a right to drill this a working interest or compulsory pooling that this organizationing interest or unleas which any part of the pooling order from the 9/23/20	il, that this st in the land well at this r unleased mit order heretofold in has received sed mineral in he well's comple division	l control re	SURVEYOR CEF hereby certify that totual surveys made correct to the best of  Signature and Seal- Certificate Number	of Profession	ation shown the major ma	AL SUP		ted from field notes of same is true and
		wele@.c	outlook	.com				149 3 /				9/1	7/2024
E-ma	il Address		Janook	.00111				170 //		5/10/	25	// /	110 71

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 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.

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PLAT REVISED: 9/12/24

Legend:

= Surface Location

= Bottom Hole Location = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO

Brass Cap = Found 1918 USGLO

Brass Cap

= Found 1" Iron Rod

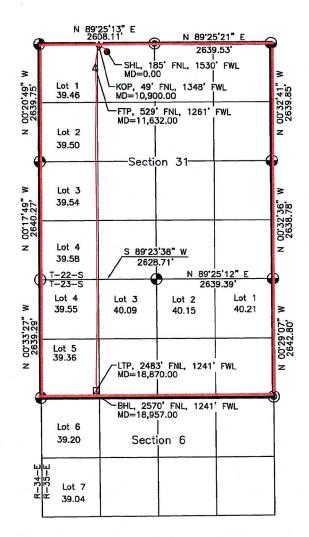
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 494077.62 N
X= 826387.29 E
LAT.= 32.3549117' N
LONG.= 103.4102261' W KICK OFF POINT NAD 83 NMSPC ZONE 3001 49' FNL, 1348' FWL SEC. 31, T22S, R35E Y= 494212.24 N X= 826204.53 E LAT.= 32.3552860 N LONG.= 103.4108141 FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 529' FNL, 1261' FWL SEC. 31, T22S, R35E Y= 493731.03 N X= 826120.48 E LAT.= 32.3539654\* N LONG.= 103.4110997\* LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2483' FNL, 1241' FWL SEC. 6, T23S, R35E Y= 486497.57 N X= 826150.90 E LAT.= 32.3340835 N LONG.= 103.4112029 N BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486410.62 N X= 826152.21 E LAT.= 32.3338445 N LONG.= 103.4112011

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 3/31/23



<u>C</u> -	-102			En			Resources Depart	ment		Rev	ised July 9, 2024
Sub	mit Elect	conically			OIL C	ONSERVATION	ON DIVISION			☐ Init	ial Submittal
Via	OCD Pern	nitting				AS-DRII	J.ED	ended Report			
						no biti			Туре:	[X] As I	Drilled
										123	
LATE N	umber			D1 (		WELL LOCATIO	N INFORMATION				
	30-025	-50896		Prope	2205		Pool Name An	telope	Ridge; Bone S	pring.	
	3313	555		,	,	GOLDEN .	TEE 31 FED CO	M			603H
OGRID	No. 33039	6		Opera	tor Name	AVANT O	PERATING, LL	C		Ground	Level Elevation 3454
Surfa		☐ State [	Fee T	ribal 🛚	Federal	ATAIT	Mineral Owner: St		ee 🗌 Tribal 🛭 Federa	J	0404
						Surface	Location				
UL	Section	Township	Range	Lot	Ft. from N/		St.		Longitude		County
С	31	22 S	35 E		185 FNL	.   1563 FW	L 32.3549125	s° N	103.4101181°	W	LEA
						Bottom He	le Location				
UL	Section	Township	Range	Lot	Ft. from N/	Ft. from E/	Latitude	T	Longitude		County
F	6	23 S	35 E		2577 FN	L 2177 FW	L 32.333832	I° N	103.4081714	° W	LEA
Dedica	ted Acres				Infill or	Defining Well De	ining Well API		ng Spacing Unit (Y/N	n I com	solidation Code
SEC 3	1: 638.08 : N/2 31		TOTAL ACE	ES: 957			0-025-49328	veriappii	No	i) con	isondation code
Order	Numbers.	C	A#1438	319			Well setbacks are un	der Com	mon Ownership:	Yes X	] No
						Kick Off	Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/			T	Longitude	T	County
С	31	22 S	35 E		47 FNL	2168 FW	L 32.3552940	O° N	103.4081579	° W	LEA
							Point (FTP)				
UL C	Section 31	Township 22 S	Range 35 E	Lot	Ft. from N/			70 N	Longitude		County
	31	LL 3	33 E		562 FNI	_   2168 FW	L   32.3538787	N N	103.4081619	VV	LEA
		Im	T =		T ==		Point (LTP)				
ՄL F	Section 6	Township 23 S	Range 35 E	Lot	Ft. from N/			70 11	Longitude		County
	0	23 3	35 E		2484 FN	L 2176 FW	L 32.3340877	/ N	103.4081746	, W	LEA
Ilmitim	nd Amon as	Area of	IIniform I						[ 0 1 5		
omuz		Federa		rerest	Spacing	g Unit Type ⊠ Ho	rizontal 🗌 Vertical		Ground F	3427'	vation:
				****							
I hereby my know organiz includis location interest	y certify the ruledge and ation either ng the prope pursuant	belief, and, owns a wo sed bottom to a contrac oluntary poo	mation cont if the well rking intere hole location t with an o	is verti st or un n or has wner of	cal or directional leased mineral int a right to drill t a working interes	erest in the land	SURVEYOR CERTI I hereby certify that the actual surveys made by correct to the best of my	well local	tion shown on this plat der my supervision, and VUKO		
consent in each	of at least tract (in t	one lessee he target po	or owner of ool or formo	a work ition) in	ing interest or uni	tion has received the eased mineral interes f the well's completed the division	PROFE	1 6	VAL SURVEY		
,	/	ten			9/23/202	4					
Signa		leghan	Twele				Signature and Seal of 1	A O	al Surveyor		
Print	ed Name	10511411	1 11010				Certificate Number	Da	te of Survey	,	/
	mtwe	ele@ou	tlook.c	om			14931		5/10/23	9/1	7/2024
E-me	ail Address	· ·					110//	Ι,	0, 10, 20	11 1	1001

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PLAT REVISED: 9/12/24

#### Legend:

Surface Location

O = Bottom Hole Location ♦ = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

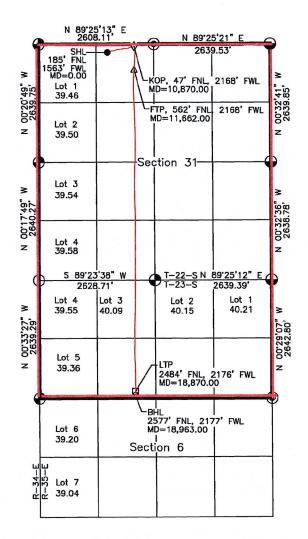
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD B3 NMSPC ZONE 3001 Y= 494078.20 N X= 826420.65 E LAT.= 32.3549125 N LONG.= 103.4101181 W KICK OFF POINT
NAD 83 NMSPC ZONE 3001
47' FNL, 216B' FWL
SEC. 31, T22S, R35E
Y= 494222.24 N
X= 827024.76 E
LAT.= 32.3552940' N
LONG.= 103.4081579' W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 562' FNL, 2168' FWL SEC. 31, T22S, R35E Y= 493707.30 N X= 827027.98 E LAT.= 32.3538787 N LONG.= 103.4081619 LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2484' FNL, 2176' FWL
SEC. 6, T23S, R35E
Y= 486507.15 N
X= 827086.25 E
LAT.= 32.3340877' N
LONG.= 103.4081746' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486414.17 N X= 827088.06 E LAT.= 32.3338321 N LONG.= 103.4081714 W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 4/08/23



Substitution   Substi	<u>C</u> -	-102			En		Minerals		ral R	esources Departr	nent			Rev	ised July 9, 2024
WELL LOCATION INFORMATION  WELL LOCATION INFORMATION  AT Number 30-025-49390 Peol Code 2205 Foot Rune Antelope Ridge; Bone Spring, North  Troperty Rune Antelope Ridge; Bone Spring, North  The Satistic Peol Tribus   Peol Code Antelope Ridge; Bone Spring, North  The Satistic Peol Tribus   Peol Tri				n		C	DIL COL	NSERVA	ATIOI	N DIVISION				☐ Init	ial Submittal
WELL LOCATION INFORMATION 30-025-49390 Pool Code 33-0-025-49390 Pool Code 33-0355 Property Name GOLDEN TEE 31 FED COM Antelope Ridge; Bone Spring, North Property Once 33-0355 Property Name GOLDEN TEE 31 FED COM 34-035-303-50 Property Name AVANT OPERATING, LLC 34-05-35-303-50 Property Name Surface Location  Surface Location  Surface Location  Unity Section [Pornable] Panage Lot Pt. from H/P Pt. from H/P Pt. Latitude Code Code Code Code Code Code Code Code	Via	OCD Perm	nitting					AS-D	RILI	ED				☐ Ame	ended Report
Projectly Name   Proj													Type.	⊠ As	Drilled
Projectly Name   Proj							WE	II. IOCA	TION	INFORMATION			***************************************		
Property Name   Property Name   Sale   Property Name   Operator Name   AVANT OPERATING, LLC   Ground Level Elevation   34,78					Pool (			ш пост	11011						
GORD No. 30.306  Surface Orner:   State   Pre   Tribal   Predict   Predict   State   Pre   Tribal   Predict   State   Predict			49390		n.					Antelope	Ridg	ge; Bo	ne Spring		
Surface Forms:   State   Fee   Tribal   Rederal   Surface   State   Fee   Tribal   Rederal   Surface   Surface   State   Fee   Tribal   Rederal   Surface   Surface   State   Fee   Tribal   Rederal   Surface   Surface	Proper		5		Prope	rty Nam		GOLDE	N TE	EE 31 FED CO	M		1 × 0	Well N	
State   Per   Tribal   Noteral Owner   State   Per   Tribal   Pederal					Opera	tor Nam		AVANT	- AB	EDATING III	_			Ground	The state of the s
Section   Downship   Range   Lot   Pt. from N/S   I. from E/W   Latitude   Longitude   County   LEA				Fee T	ribal 🛚	Federal		AVAIVI				ee 🗌 Tri	bal 🛛 Federa	1	3473
Section   Downship   Range   Lot   Pt. from N/S   I. from E/W   Latitude   Longitude   County   LEA								Surfa	ace I	ocation					
Bottom Hole Location  UL Section Township Range   Lot   Pt. from N/S   Pt. from E/W   Latitude   Description Specing Unit (Y/N)   Consolidation Code   Sc 2   S 3 5 E   S 4   S   S   S   S   S   S   S   S	UL	Section	Township	Range	Lot	Ft. fr	rom N/S						Longitude	Т	County
Dedicated Acres   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Section   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   Longitude   County   LEA      U.   Section   Township   Reage   Lot   Pf. from N/S   Pf. from E/V   Leittude   Longitude   Longit	В	31	22 S	35 E		550	FNL	1481 1	FEL	32.3539185	° N	103.4	029797	° W	LEA
Dedicated Acres SEC 31: 35 E								Bottom	Hole	e Location					
Deficiated Acres SEC 31, 2319.38 Ac. SEC 6: N/2 319.38 Ac. SEC 6:			•	_	Lot										County
SEC 91/2 319.36 Ac. TOTAL ACRES: 957.44	G	6	23 S	35 E		259	6 FNL	2175	FEL	32.3337827	° N	103.4	4052157	° W	LEA
Order Numbers. CA#143819						Ir	nfill or Defi	ning Well	Defin	ing Well API Ov	verlappi	ng Spaci	ng Unit (Y/N	) Cor	nsolidation Code
Section   Township   Range   Lot   Ft. from N/S   Ft. from E/W   Latitude   Longitude				TOTAL ACR	ES: 957	7.44	Infill		30	0-025-49328		No			
Section   Township   Range   Lot   Ft. from N/S   Ft. from E/W   2125 FEL   32.3551952° N   103.4050580° W   LEA	Order	Numbers.	CA	#14381	9					Well setbacks are und	ler Con	nmon Own	nership: 🔲	Yes 🛚	] No
B   31   22 S   35 E   85 FNL   2123 FEL   32.3551952° N   103.4050580° W   LEA								Kick 0	ff Po	oint (KOP)					
UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude County LEA  Last Take Point (LTP)  UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude Longitude County LEA  Last Take Point (LTP)  UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude County LEA  Unitized Area or Area of Uniform Interest Spacing Unit Type Stories Horizontal Vertical Ground Floor Elevation: 3448'  Unitized Area or Area of Uniform Interest Spacing Unit Type Stories Horizontal Vertical Ground Floor Elevation: 3448'  OPERATOR CERTIFICATIONS  I havely certify that the information contained herein is true and complete to the best of my knowledge and better, and, of the useful or directional usual, that this contained were sure contained in the county of a working interest or unleased mineral interest in the least of the contained for the county of the working interest or unleased mineral interest or to a contract with the comment of a companion pooling order heretely or entered by the division.  If this well is a horizontal well, I further certify that this organization has received the context of the least one lesses or counter of a working interest or unleased mineral interest in the least of the least of the least of the least of the well to complete interest of the division.  If this well is a horizontal well, I further certify that this organization has received the context of the least of the least of the least of the well's completed interest with the stand that the same is true and correct to the best of my being the professional supervisor.  Signature Meghan Twele  Printed Name  Mtwele@outlook.com  First Take Point (LTP)  Latitude Latitude Latitude Latitude Longitude Country Interest or unleased mineral interest in the least of the least of the well is completed with the well interest or the least of the le		UL Section Township Range Lot Ft. from N/S Ft. from E/W						•						-	
Section   Township   Range   Lot   Ft. from N/S   Ft. from E/W   2196 FEL   32.3538794° N   103.4052940° W   LEA	В	<u> </u>	22 5	35 E	L	85	FNL	2123	FEL	32.3551952	° N	103.2	•050580	W	LEA
Last Take Point (LTP)    U.   Section   Township   Range   Lot   Ft. from N/S   Ft. from E/N   Latitude   Longitude   County	1					т									
Unitized Area or Area of Uniform Interest Federal Unit  OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my bronsledge and being, and, if the unit is certical or directional unit, that this containing pursuant to a contract with an owner of a working interest or unleased mineral indirect, or to a voluntary pooling greement or a compulsory pooling order from the division.  If this well is a horizontal will, I further certify that this organization has received the consent of at least one lesses or owner of a working interest or unleased mineral indirects in such truct (in the target pool or formation) in which any part of the well's completed indevoluted the owner of a working interest or unleased mineral indirects in such truct (in the target pool or formation) in which any part of the well's completed indevoluted the consent of at least one lesses or owner of a working interest or unleased mineral indirects in such truct (in the target pool or formation) in which any part of the well's completed indevoluted the consent of a working inderest or unleased mineral inderest in such truct (in the target pool or formation) in which any part of the well's completed indevoluted will be located or obtained a compulsory pooling order from the division.  9/23/2024  Signature  Meghan Twele  Printed Name  Certificate Mimber  Date of Survey  B/16/23  A/18/24  Date of Survey  B/16/23				•	Lot						° N	103 /	•	10 VAI	
Unitized Area or Area of Uniform Interest Federal Unit  OPERATOR CERTIFICATIONS  I havely certify that the information contained herein is true and complete to the best of purposed bettern 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 of at least one lessee or owner of a working interest or unleased mineral interest of at least one lessee or owner of a working interest or unleased mineral interest of at least one lessee or owner of a working interest or unleased mineral interest in the least interest, or to a voluntary pecling agreement or a compulsory pooling order heretafore mitered by the division.  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 the least interest, or to a voluntary pecling agreement or a compulsory pooling order heretafore mitered by the division.  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 the least of the based of my belief.  Signature  Meghan Twele  Printed Name  Certificate Mumber  Date of Survey  Meghan Twele  Certificate Mumber  Date of Survey  Meghan Twele  Certificate Mumber  Date of Survey  Meghan Twele		<u> </u>	LL U	00 L		1 000	71111				- 11	100.4	1002940	, ,,	LLA
Unitized Area or Area of Uniform Interest Federal Unit  Spacing Unit Type Shorizontal Vertical Ground Floor Elevation: 3448'  OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the wall is vertical or directional wall, that this contains the rouns a working interest or unleased mineral interest in the land including the proposed bottom hale 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 of which the location of a working interest or unleased mineral interest of the best of my belief.  If this wall is a horizontal well, I further certify that this organization has received the consensed of at least one lesses or owner of a working interest or unleased mineral interest in each tract (in the target peal or formation) in which any part of the well's completed intereal well be located or obtained a compulsory pooling order from the division  Meghan Twele  Printed Name  Certificate Number  Date of Survey  Matternal wall be a followed.  Certificate Number  Date of Survey  Matternal wall be a followed.	UL	Section	Township	Range	Lot	Ft. fr	rom N/S			<del>, , , , , , , , , , , , , , , , , , , </del>			Longitude		County
Printed Name  Special Unit  Sp	G	6	23 S	35 E		248	3 FNL	2176	FEL	32.3340930	° N	103.4	4052182	° W	LEA
Printed Name  Special Unit  Sp															
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and betief, and, if the well its vertical or directional well, that this organization either owns a working interest or unleased mineral inducting the proposed bottom hale 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.  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 truct (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.  9/23/2024  Signature  Meghan Twele  Printed Name  Certificate Number  Date of Survey  8/16/23  Place  Certificate Number  Refined Roman Address	Unitize				iterest		Spacing Ur	nit Type	Horiz	ontal   Vertical					vation:
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 vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hale 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.  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  9/23/2024  Signature  9/23/2024  Signature and Seal of Professional Survey  Meghan Twele  Certificate Number  Date of Survey  8/16/23  Place of Survey  8/16/23		1 cac	iai Oini												
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 vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hale 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.  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  9/23/2024  Signature  9/23/2024  Signature and Seal of Professional Survey  Meghan Twele  Certificate Number  Date of Survey  8/16/23  Place of Survey  8/16/23	OPER	ATOR CI	CRTIFICA'	TIONS					T	SIIRVEYOR CERTIE	TCATI	ONS			
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.  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 peol or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.  9/23/2024  Signature  Meghan Twele  Printed Name  Certificate Number  Date of Survey  R/18/23  P/19/24/4	I hereby	certify the	it the inform	nation conte									on this plat	was plotte	ed from field notes of
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.  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.  Signature  Meghan Twele  Printed Name  The division 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.  Signature and Seal of Professional Surveyor  Meghan Twele  Certificate Number  Date of Survey  11831  Place  Printed Name  Certificate Number  Date of Survey  11832														that the	same is true and
Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  Methods a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  MEX. OF  14831  WEX. OF  14831  WEX. OF  14831  Printed Name  Certificate Number  Date of Survey  8/16/23  MEX. OF  14831  Date of Survey  MEX. OF  14831  Printed Name  Certificate Number  Date of Survey  8/16/23									- 1			NU.	KO		
Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  Mount for a working interest or unleased mineral interest in least one lessee or owner of a working interest or unleased mineral interest in 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  9/23/2024  Signature and Seal of Professional Surveyor  Certificate Number  Date of Survey  8/16/23  9/19/24//	interest,	or to a vo	luntary pool								77	ME	1		
Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  Mount for a working interest or unleased mineral interest in least one lessee or owner of a working interest or unleased mineral interest in 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  9/23/2024  Signature and Seal of Professional Surveyor  Certificate Number  Date of Survey  8/16/23  9/19/24//										(5	S/ §	The state of the s	(S) I		
Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  9/23/2024  Signature and Seal of Professional Surveyor  Certificate Number  Date of Survey  8/16/23  9/19/34//	consent	of at least	one lessee o	or owner of	a worki	ing intere	st or unlease	d mineral in	terest	-		(1483	1) ) 🖭		
Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  9/23/2024  Signature and Seal of Professional Surveyor  Certificate Number  Date of Survey  8/16/23  9/19/34//									oleted	\7					
Signature  Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  Signature and Seal of Professional Survey  Certificate Number  Date of Survey  8/16/23  9//9/2014			7/								Tro	2/2	CUE		
Meghan Twele  Printed Name  mtwele@outlook.com  E-mail Address  Meghan Twele  Certificate Number  Date of Survey  8/16/23  7/19/2944			1-1	1			9/23/20	24							
Printed Name  mtwele@outlook.com  E-mail Address  Certificate Number   Date of Survey	Signat	ure	1	Meghan	Twe	le				Signature and Seal of Pr	rofession	al Surveyo	1 to		
mtwele@outlook.com	Printe	d Name	IV.	regnan	IWC	10			-	Certificate Number	De	ite of Sur	/ /rey		//
E-mail Address			mtv	vele@o	utloo	k.com	1			14831				9	119/2024
	E-ma		aller	JII 1.		ALC:	-1-41	-11.1.1		, , - ,				//	17-10-01

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 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.

PLAT REVISED: 9/16/24

Legend:

= Surface Location •

O = Bottom Hole Location ♦ = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Last Take Point (LTI
= Found 1913 USGLO
Brass Cap
= Found 1918 USGLO
Brass Cap
= Found 1" Iron Rod

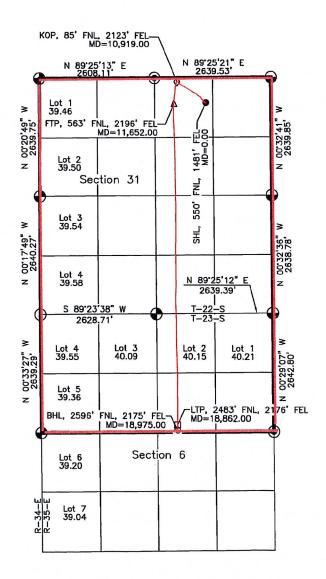
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493735.67 N X= 828628.16 E LAT.= 32.3539185 N LONG.= 103.4029797 KICK OFF POINT NAD 83 NMSPC ZONE 3001 85' FNL, 2123' FEL SEC. 31, T22S, R35E Y= 494194.56 N X= 827982.33 E LAT.= 32.3551952' N LONG.= 103.4050580' FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
563' FNL, 2196' FEL
SEC. 31, T22S, R35E Y= 493715.23 N X= 827913.59 E LAT.= 32.3538794 N LONG.= 103.4052940 W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2483' FNL, 2176' FEL SEC. 6, T23S, R35E Y= 486517.00 N X= 82799.40 E LAT.= 32.3340930 N LONG.= 103.4052182 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486404.09 N X= 828001.15 E LAT.= 32.3337827 N LONG.= 103.4052157

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 2/20/23



<u>C</u> -	<u>-102</u>			En	ergy, Minerals	Mexico Revised July 9, 2024 Resources Department								
	mit Electi				OIL CO	NSERVA	TIOI	N DIVISION				☐ Init	tial Submittal	
Via	OCD Perm	itting				AS-D	RILI	ED			Submittal Type:	☐ Am	ended Report	
											Type.	⊠ As	Drilled	
					wı	ELI. LOCA	TION	INFORMATION	r					
API N	umber			Pool (		THE LOCK	11011	Pool Name						
	-025-49	391		2	2205			Antelop	e Ridge	e; Bon	e Spring,	North	1	
į	rty Code 331355			Proper	rty Name	GOLDE	N TE	EE 31 FED (	СОМ			Well Number 605H		
OGRID	No.			Operat	tor Name	AVANI	OP	ERATING, I	1.0			Ground	d Level Elevation 3475	
		☐ State ☐	Fee T	ribal 🕅	Federal	77711		Mineral Owner:		ee 🗍 Tr	ibal 🕅 Federa	1	0470	
UL	Section	T	Range	T 7-4	TH 4 N/O			ocation		1				
В	31	Township 22 S	35 E	Lot	Ft. from N/S 550 FNL	Ft. from		32.35391		103	Longitude 4028720	0 VA/	County LEA	
	<u> </u>	22 3	33 L		330 THE	1440		32.33391	/ <del>/                                    </del>	105.	4020720	• •	LEA	
						Bottom	Hole	Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	•	Latitud			Longitude		County	
H	6	23 S	35 E		2592 FNL	1270	FEL	32.33379	60° N	103.	4022870	° W	LEA	
Dedica	ted Acres				Infill or De	fining Well	Defini	ing Well API	Overlanni	ing Space	ing Unit (Y/N	()   Co	nsolidation Code	
SEC 3	1: 638.08				T (*11	ming wen			Overtapp	No.	mg omt (1) N	,   66.	isondation code	
	i: N/2 319		TOTAL ACE					-025-49328	1 0		, D		3	
Order	Numbers.		CA#14	+3019				Well setbacks are	under Con	nmon U	mership:	Yes D	☑ No	
						Kick O	ff Po	oint (KOP)						
UL	Section	Township	Range	Lot	Ft. from N/S			Latitude			Longitude	County		
Α	31	22 S	35 E	<u> </u>	48 FNL	1310 1	FEL	32.35529	97° N	103.4	4024260	)° W	LEA	
						First Ta	ke P	Point (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e		Longitude		County	
Α	31	22 S	35 E		327 FNL	1303	FEL	32.35453	07° N	103.4	4024027	o W	LEA	
						Last Ta	ke P	oint (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e		Longitude		County	
Н	6	23 S	35 E		2502 FNL	1269	FEL	32.33404	.55° N	103.	4022817	° W	LEA	
Unitiz	ed Area or	Area of U		nterest	Spacing U	Init Type	Horiz	ontal   Vertical	ı		Ground F		vation:	
		Federa	ıl Unit								] 3	448'		
OPER	ATOR CI	ERTIFICA'	TIONS				1	SURVEYOR CEI	RTIFICATI	ONS				
or managemental					rein is true and com		st of 1	hereby certify that	the well loca	ation shou			ed from field notes of	
_					cal or directional wel leased mineral interes			ictual surveys made correct to the best of	-			that the	same is true and	
includi	ng the propo	sed bottom i	hole locatio	n or has	a right to drill this	well at this	Ι,	orrecs so size coss of	1	VU	KON			
					a working interest or compulsory pooling of				2 3	N MEX	13/			
entered	by the divi	sion.							13/8		15/E			
					that this organization					(1483	11 1 1			
				A STATE OF THE PARTY OF THE PAR	ing interest or unleas which any part of th		290100000000000000000000000000000000000		Por l		الخرا ال			
interva	will be loc	ated or obta	ined a com	ipulsory	pooling order from th	e division			1770		25/			
		$\vee$							100	ONAL	30.			
,	/	- ten	1)		9/23/2024					The same of the sa				
Signa	ture							Signature and Seal	of Profession	nal Survey	or Id			
		Meg	han Tv	vele					en f	Ves	101			
Print	ed Name							Certificate Number	T.	ate of Su	vev		1 /	
								Certificate Number	"				1 . 1 = =11	
70	l ail Address	ntwele(	@outlo	ok.co	om			14931		8/16/		9	19/2024	

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 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.

PLAT REVISED: 9/16/24

## Legend:

- = Surface Location
- O = Bottom Hole Location ♦ = Kick Off Point (KOP)

- Δ = First Take Point (FTP)

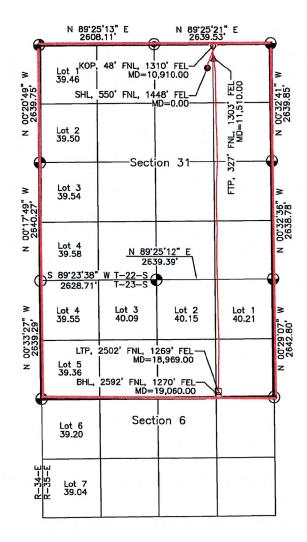
  □ = Last Take Point (LTP) = Last Take Point (LT = Found 1913 USGLO
- Brass Cap
- Found 1918 USGLO
  Brass Cap

  Found 1" Iron Rod
- O = Found 1/2" Rebar with Cap
- = Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION 83 NMSPC ZONE 3001 Y= 493735.74 N X= 828661.43 E LAT.= 32.3539179 N LONG.= 103.4028720 W KICK OFF POINT NAD 83 NMSPC ZONE 3001 48' FNL, 1310' FEL SEC. 31, T22S, R35E Y= 494239.65 N X= 828794.77 E LAT.= 32.3552997 N LONG.= 103.4024260 W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 327' FNL, 1303' FEL SEC. 31, T22S, R35E Y= 493959.95 N X= 828804.42 E LAT.= 32.3545307' N LONG.= 103.4024027' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2502' FNL, 1269' FEL SEC. 6, T23S, R35E Y= 486507.58 N X= 828906.57 E LAT.= 32.3340455 N LONG.= 103.4022817 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486416.80 N X= 828905.72 E LAT.= 32.3337960 N LONG.= 103.4022870 W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 3/03/23



Submit Electronically Via OCD Permitting  AS-DRILLED  WELL LOCATION INFORMATION  API Number 30-025-49392  Pool Code ANTEL OPERIDGE: BONE SPRING, NO.	eport										
AS-DRILLED  Submittal Type:  MELL LOCATION INFORMATION  API Number 20 025 40302  Pool Code Pool Name											
WELL LOCATION INFORMATION  API Number Pool Code Pool Name	RTH										
API Number Pool Code Pool Name	RTH										
30.025.40302	RTH										
	RTH I										
Property Code Property Name Well Number											
GOLDEN TEE 31 FED COM 606F	-										
OGRID No. Operator Name AVANT OPERATING, LLC Ground Level E 3505											
Surface Owner: State Fee Tribal Efederal Mineral Owner: State Fee Tribal Efederal											
Surface Location											
	unty										
A 31 22 S 35 E 733 FNL 430 FEL 32.3534181° N 103.3995745° W L	EA										
Bottom Hole Location											
	unty EA										
11 0 20 0 00 2 2007 THE 000 TEE 02.0007070 N 100.0992009 W	LA										
Dedicated Acres Infill or Defining Well Defining Well API Overlapping Spacing Unit (Y/N) Consolidation SEC 31: 638.08 Ac.	n Code										
SEC 6: N/2; 319.36 Ac. TOTAL ACRES: 957.44 Infill 30-025-49328 No											
Order Numbers. CA#143819 Well setbacks are under Common Ownership: ☐ Yes ☒ No											
Kick Off Point (KOP)											
4 71 00 0 77 7	unty										
A 01   22 0   00 E   00 THE   233 TEE   32.3332017 N   103.39894400 W   E	EA										
First Take Point (FTP)  UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude Co											
Longitude Co	unty EA										
Last Take Point (LTP)											
UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude Co	unty										
H 6 23 S 35 E 2506 FNL 334 FEL 32.3340375° N 103.3992549° W L	EA										
Unitized Area or Area of Uniform Interest Federal Unit  Spacing Unit Type Shorizontal Vertical Ground Floor Elevation:  3478'											
3170											
OPERATOR CERTIFICATIONS 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 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.  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  10/4/2024											
in each tract (in the target pool of formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division											
10/4/2024  Signature Date  Signature and Seal of Professional Surveyor											
Meghan Twele											
Printed Name Certificate Number Date of Survey											
mtwele@outlook.com	Y										
E-mail Address											

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 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.

Plat Revised: 9/17/24

Legend:

= Surface Location

= Bottom Hole Location = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

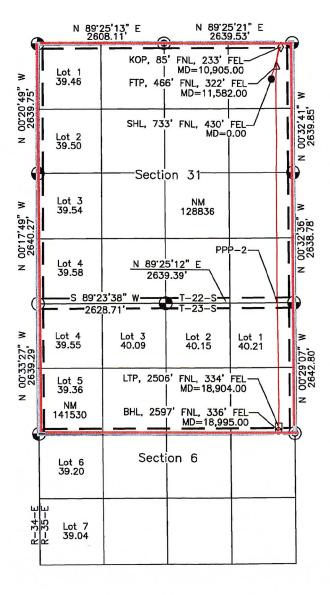
NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 02-01-2023

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

X= 829681.32 E LAT.= 32.3534181° N LONG.= 103.3995745° W KICK OFF POINT NAD 83 NMSPC ZONE 3001 85' FNL, 233' FEL SEC. 31, T22S, R35E Y= 494213.37 N X= 829871.59 E LAT.= 32.3552017 N LONG.= 103.3989400 N FIRST TAKE POINT/PPP-1
NAD 83 NMSPC ZONE 3001
466' FNL, 322' FEL
SEC. 31, T22S, R35E
Y= 493831.28 N
X= 829786.83 E
LAT.= 32.3541536' N LONG.= 103.3992252° W PPP-2 NAD 83 NMSPC ZONE 3001 0' FNL, 341' FEL SEC. 6, T23S, R35E Y= 489018.64 N X= 829812.88 E LAT.= 32.3409254\* N LONG.= 103.3992768\* W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2506' FNL, 334' FEL SEC. 6, T23S, R35E Y= 486512.81 N X= 829841.51 E LAT.= 32.3340375° N LONG.= 103.3992549° W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486421.82 N X= 829840.44 E LAT.= 32.3337875° N LONG.= 103.3992609° W

SURFACE LOCATION NAD 83 NMSPC ZONE 3001

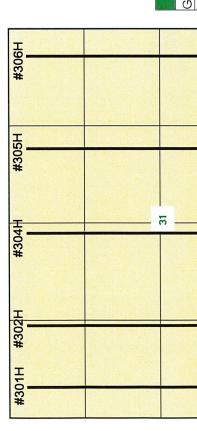
Y= 493562.79 N



Avant Operating, LLC



### Tract Map with approx. well locations and Pool Codes



WELL NAME	POOL	POOL CODE
Golden Tee Fed Com 301H	Golden Tee Fed Com 301H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 302H	Golden Tee Fed Com 302H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 304H	Golden Tee Fed Com 304H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 305H	Golden Tee Fed Com 305H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 306H	Golden Tee Fed Com 306H Antelope Ridge; Bone Spring, North	2205

NMNM 128136





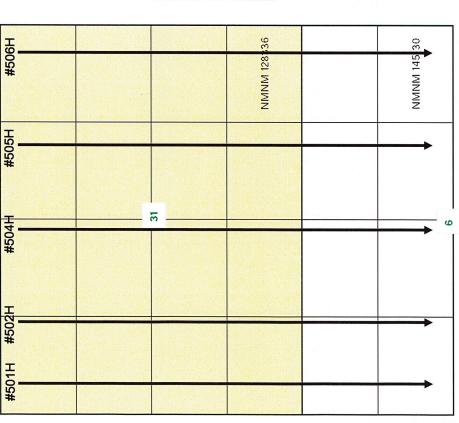
NMNM 145 30





Avant Operating, LLC

## Tract Map with approx. well locations and Pool Codes

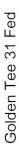


WELL NAME	POOL	POOL CODE
Golden Tee Fed Com 501H	Golden Tee Fed Com 501H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 502H	Golden Tee Fed Com 502H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 504H	Golden Tee Fed Com 504H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 505H	Golden Tee Fed Com 505H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 506H	Golden Tee Fed Com 506H Antelope Ridge; Bone Spring, North	2205



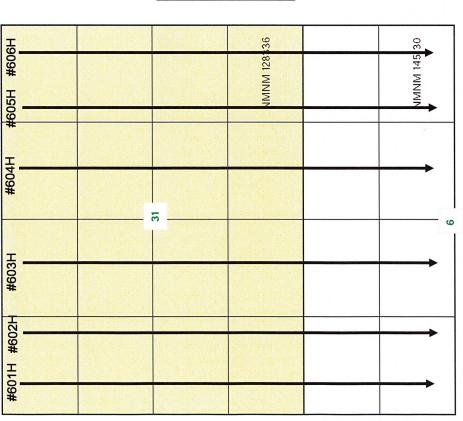


Avant Operating, LLC





### Tract Map with approx. well locations and Pool Codes



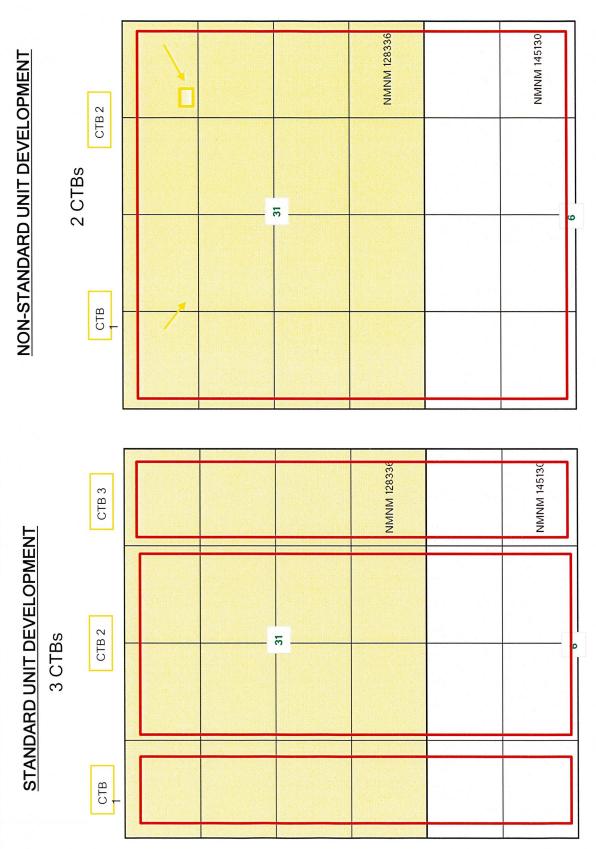
WELL NAME	POOL	POOL CODE
Golden Tee Fed Com 601H	Golden Tee Fed Com 601H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 602H	Golden Tee Fed Com 602H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 603H	Golden Tee Fed Com 603H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 604H	Golden Tee Fed Com 604H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 605H	Golden Tee Fed Com 605H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 606H	Golden Tee Fed Com 606H Antelope Ridge; Bone Spring, North	2205





Avant Operating, LLC







### Golden Tee Fed Com Bone Spring Well List and Pool and Pool Code

Pool & Pool Code: Antelope Ridge; Bone Spring, North (Pool Code: 2205).

### Wells:

- Golden Tee Fed Com 301H (API 30-025-49324)
- Golden Tee Fed Com 302H (API 30-025-49325)
- Golden Tee Fed Com 304H (API 30-025-49327)
- Golden Tee Fed Com 305H (API 30-025-49328)
- Golden Tee Fed Com 306H (API 30-025-49329)
- Golden Tee Fed Com 501H (API 30-025-49365)
- Golden Tee Fed Com 502H (API 30-025-49330)
- Golden Tee Fed Com 504H (API 30-025-49406)
- Golden Tee Fed Com 505H (API 30-025-49331)
- Golden Tee Fed Com 506H (API 30-025-49332)
- Golden Tee Fed Com 601H (API 30-025-50929)
- Golden Tee Fed Com 602H (API 30-025-50930)
- Golden Tee Fed Com 603H (API 30-025-50896)
- Golden Tee Fed Com 604H (API 30-025-49390)
- Golden Tee Fed Com 605H (API 30-025-49391)
- Golden Tee Fed Com 606H (API 30-025-49392)



November 14, 2024

### VIA E-FILING

Acting Director Razatos and OCD Engineering Bureau Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Avant Operating, LLC for administrative approval of a 957.44 acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Dear Acting Director Razatos/OCD Engineering Bureau:

Avant Operating, LLC ("Avant"), OGRID Number 330396, respectfully requests administrative approval of a 957.44-acre, more or less, non-standard unit ("NSU") in the Bone Spring formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico. The NSU would be dedicated to the following wells (the "Wells"):

- Golden Tee Fed Com 301H (API 30-025-49324)
- Golden Tee Fed Com 302H (API 30-025-49325)
- Golden Tee Fed Com 304H (API 30-025-49327)
- Golden Tee Fed Com 305H (API 30-025-49328)
- Golden Tee Fed Com 306H (API 30-025-49329)
- Golden Tee Fed Com 501H (API 30-025-49365)
- Golden Tee Fed Com 502H (API 30-025-49330)
- Golden Tee Fed Com 504H (API 30-025-49406)
- Golden Tee Fed Com 505H (API 30-025-49331)
- Golden Tee Fed Com 506H (API 30-025-49332)
- Golden Tee Fed Com 601H (API 30-025-50929)
- Golden Tee Fed Com 602H (API 30-025-50930)
- Golden Tee Fed Com 603H (API 30-025-50896)
- Golden Tee Fed Com 604H (API 30-025-49390)
- Golden Tee Fed Com 605H (API 30-025-49391)
- Golden Tee Fed Com 606H (API 30-025-49392)





The Wells will be completed within the Antelope Ridge; Bone Spring, North (Pool Code: 2205). This pool is an oil pool and it follows the statewide spacing rules.

In this NSU application, Avant seeks approval of a single 954.77-acre unit. Without the NSU approval, Avant would have three separate units, using proximity tract wells. Avant has determined that a single 954.77-acre unit is preferable to two 240-acre units and one 480-acre unit for the following reasons. Approval will allow Avant to reduce surface disturbance by consolidating roads, tank batteries, and pipelines. In addition, approval of Avant's application promotes effective well spacing and will allow Avant to commingle production.

Conversely, if Avant's NSU application is not approved, Avant will need to construct additional flowlines and one additional central tank batteries. I have included as Exhibit C-1 a comparison of the facilities needed for a non-standard unit and the additional required infrastructure needed if Avant has to develop the Wells using standard spacing.

Exhibit C-2 compares and contrasts, in table format, the reduced surface acreage and the cost savings that will occur if the NSU is approved. Developing the acreage as a single, non-standard unit will result in four acres less surface disturbance than if Avant has to develop the acreage using standard units. If Avant's NSU application is approved, that would eliminate the need to build one additional central tank batteries, which reduces permitted fugitive VOC emissions, spill risk, and flares. In addition, total capital costs would be significantly reduced.

In my opinion, approval of the NSU is in the best interest of conservation, prevention of waste, and protection of correlative rights.

Thank you for your consideration. Should you have any questions please contact me at shane@avantnr.com or 817-915-9336.

Sincerely,

Shane Kelly

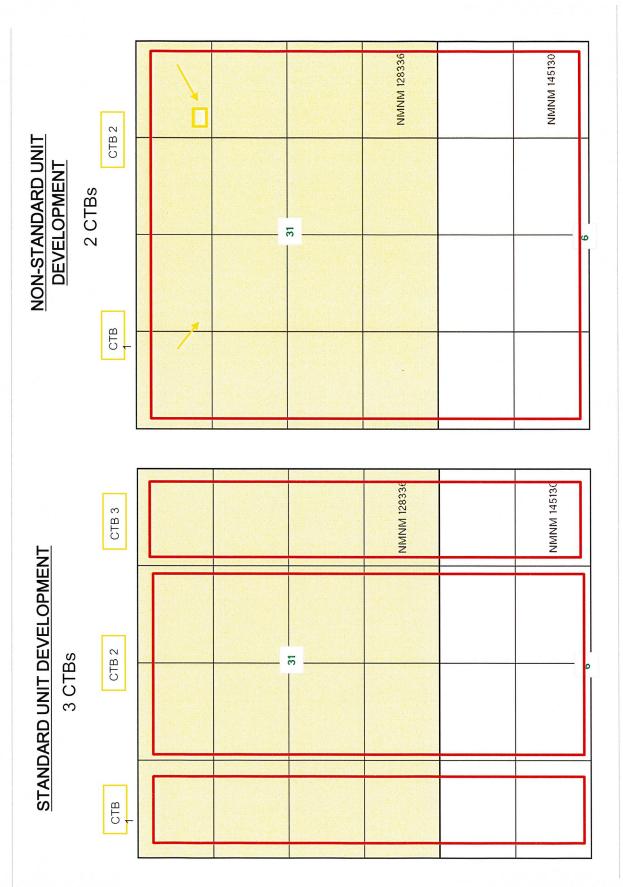
Reservoir Engineer

Avant Operating, LLC

Avant Operating, LLC

Exhibit C-1









Avant Operating, LLC Exhibit C-2

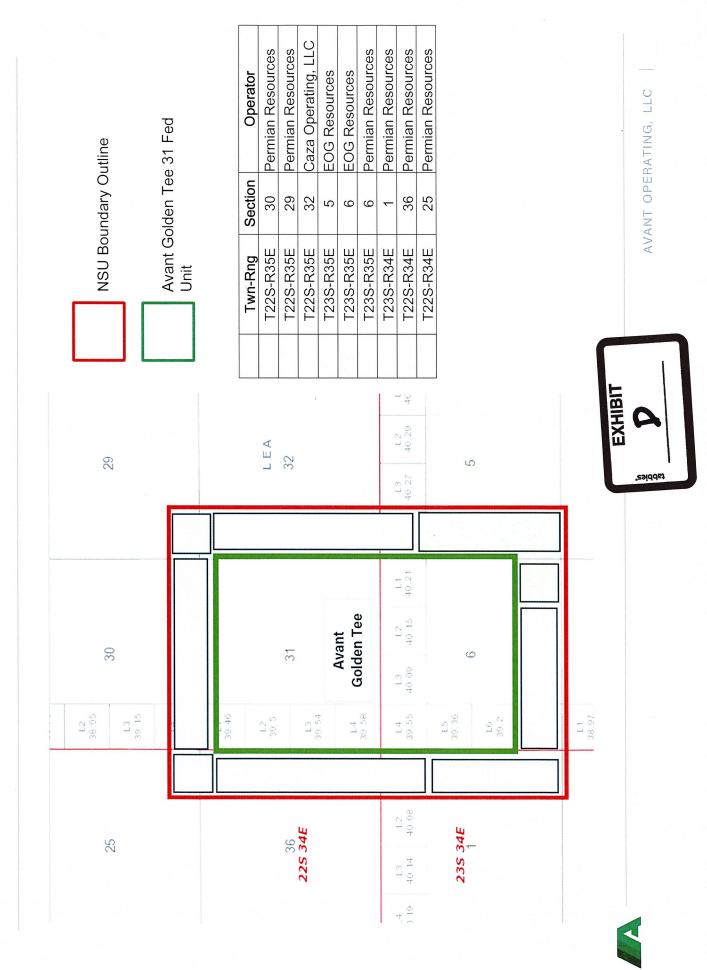
# STANDARD UNIT DEVELOPMENT vs. NON-STANDARD UNIT DEVELOPMENT

Scenario	e	CTB Cost (\$M)	CTB Cost (\$M) Pipeline/Utilities Cost	Total Capital	CTB and Pipeline	
	CTB (BPOD)	( <del>)</del> 1000	(\$M)	(\$M)	Disturbance (Acres)	
hree Separate Facilities	5,330	\$16	\$4	\$20	11	
wo Separate Facilities	8,000	\$11	\$3	\$14	7	
SAVINGS		\$5	\$1	\$6	4	

### Non-Standard Unit Notice Golden Tee 31 Fed

Avant Operating, LLC







L A W Y E R S

November 14, 2024

Deana M. Bennett 505.848.1834 dmb@modrall.com

### VIA CERTIFIED MAIL

### TO AFFECTED PARTIES

RE: Application of Avant Operating, LLC for administrative approval of a 957.44 acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Dear Sir or Madam:

Enclosed is a copy of the above referenced application filed with the New Mexico Conservation Division on this date. Any objections that you have to this application must be filed in writing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within twenty (20) days from the date the Division receives the above referenced application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Shane Kelly Reservoir Engineer Avant Operating, LLC shane@avantnr.com 817-915-9336.

Sincerely,

/s/ Deana M. Bennett
Deana M. Bennett
Attorneys for Avant Operating, LLC

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com

Page 50 of 98

Firm Mailing Book ID: 276644	Reference Contents	10375.0013. Notice	10375.0013. Notice	10375.0013. Notice	10375,0013. Notice	10375.0013. Notice		
Firm	Rest.Del.Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	Service Fee RR Fee	\$2.62	\$2.62	\$2.62	\$2.62	\$2.62	5 \$13.10 Grand Total:	
.1	Service Fe	\$4.85	\$4.85	\$4.85	\$4.85	\$4.85	\$24.25 Gran	
PS Form 3877 Type of Mailing: CERTIFIED MAIL 11/14/2024	Postage	\$2.87	\$2.87	\$2.87	\$2.87	\$2.87	Totals: \$14.35	
Ps Type of Maili	Name, Street, City, State, Zip	Permian Resources Attention: Land Department 300 N. Marienfeld St., Ste. 1000 Midland TX 79701	Caza Operating, LLC Attention: Land Department 200 N. Loraine Street Midland TX 79701	EOG Resources, Inc. Attention: Land Department 5509 Champions Dr. Midland TX 79706	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	State of New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501		ces Postmaster: Dated:
Bessel Schuman Modrall Sperling Roehl Harris & Sisk P.A. 0500 Fourth Street, Suite 1000 Malbuquerque NM 87102	USPS Article Number	9314 8699 0430 0128 4097 10	9314 8699 0430 0128 4097 27	9314 8699 0430 0128 4097 34	9314 8699 0430 0128 4097 41	9314 8699 0430 0128 4097 58		Pieces Total Number of Pieces
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Total Number of Pieces Received at Post Office List Number of Pieces Listed by Sender

Postmaster: Name of receiving employee

<u>C</u> -	-102			En	ergy, Minerals		ral Re	esources Depa	artment			Rev	vised July 9, 2024	
	mit Electi				OIL CO.	NSERVA	ATION	DIVISION		T		☐ Ini	tial Submittal	
Via	OCD Pern	nitting				AS-D	RILI	.ED			Submittal	☐ Am	ended Report	
						210 D	LVILL	ענוו			Туре:		Drilled	
							***************************************							
LATIV N						LL LOCA	TION	INFORMATION	1					
3(	umber )-025-4	9324		Pool (	2205			Pool Name An	itelope I	Ridge;	Bone Spr			
33	1355			_		GOLDE	N TE	E 31 FED	сом				umber 301H	
OGRID	330396			Operat	tor Name	AVANT	г орг	PERATING, LLC					d Level Elevation 3454	
Surfac	ce Owner:	State [	Fee 🔲 1	ribal 🛚	Federal			Mineral Owner: State Fee Tribal S Federal						
		, 11				~ .								
UL	Section	Township	Range	Tot	The frame N/C			ocation		г				
D	31	22 S	35 E	Lot 1	Ft. from N/S 276 FNL	Ft. from		32.35466	-	103	Longitude 4112943	) \A/	County LEA	
		LLO	100 L		Z/OTINE	1200	VVL	32.33400	714 14	103.	4112943	VV	LEA	
						Bottom	Hole	Location						
ய	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud		Longitude		County		
E	6	23 S	35 E	5	2600 FNL	482 F	FWL	32.33375	92° N	103.4	4136579	° W	LEA	
Dedica	ted Acres				T-Sill on Des		D. 61.	- FT 11 APP			6-6-			
SEC 3	1: 638.08				Infill or Def	ining well	100 100	ng Well API		-	ing Unit (Y/N)	Co	nsolidation Code	
		0.36 Ac.			'.44   Infill			025-49328	No					
Order Numbers. CA#143819 Well setbacks are under Common Ownership: ☐ Yes ☒ No														
Kick Off Point (KOP)														
UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude County											County			
M	30	22 S	35 E	4	360 FSL	595 F	FWL	32.35640	061° N	103.4	4132497	°W	LEA	
						First To	ko D	oint (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	le	Γ	Longitude		County	
D	31	22 S	35 E	1	II3 FNL	473 F	•	32.35510		103.4	4136465	° w	LEA	
						Last Ta	ke P	oint (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	le		Longitude		County	
E	6	23 S	35 E	5	2515 FNL	482 F	WL	32.33399	25° N	103.4	4136599	° W	LEA	
Unitize	d Area or	Area of U	Jniform Ir	nterest	Spacing U	nit Type	Horizo	ontal   Vertical	ľ		Ground Fl	oor Ele	vation:	
		Federa	al Unit		-,,		,							
OPERATOR CERTIFICATIONS I horoby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the 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.  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  9/23/2024  Signature  Date  SURVEYOR CERTIFICATIONS 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 saline is true and correct to the best of my better.  MEY  14831  WEYONAL  Signature and Seal of Professional Surveyor														
	//				9/23/2024				1	STON	AL SUI			
Signat	ure /	Cul			Date			Signature and Scal	of Profession	al Surveyo		1		
	Megh	an Twe	ele					Che	le A	0	www			
	d Name				EX	HIBIT		rtificate Number Drilled Revised: 1	2/30/21	Date of Su	rvey			
	mtwele	e@outle	ook.cor	n	tabbies	4		14831		8/27/2	21	9/1	1/2024	
	Note: No	allowable u	rill be assi	gned to t	this	The Lawrence		en consolidated or	a non-stan	dard unit	has been appr	oved by	the division.	

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 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.

Plat Revised: 9/13/24

Legend:

Surface Location

O = Bottom Hole Location ♦ = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

Found 1918 USGLO Brass Cap = Found 1" Iron Rod

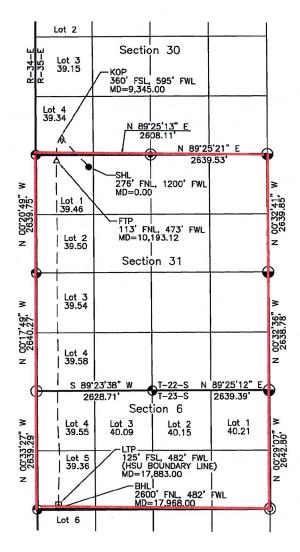
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 10-22-2021

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493983.73 N X= 826058.20 E LAT.= 32.3546614' N LONG.= 103.4112943' KICK OFF POINT NAD 83 NMSPC ZONE 3001 360' FSL, 595' FWL SEC. 30, T22S, R35E Y= 494613.28 N X= 825448.93 E LAT.= 32.3564061 N LONG.= 103.4132497 FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
113' FNL, 473' FWL
SEC. 31, T22S, R35E
Y= 494139.31 N
X= 825330.45 E
LAT.= 32.3551062' N
LONG.= 103.4136465' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2515' FNL, 482' FWL SEC. 6, T23S, R35E Y= 486457.92 N X= 825392.27 E LAT.= 32.3339925 N LONG.= 103.4136599 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486373.06 N X= 825393.64 E LAT.= 32.3337592 N LONG.= 103.4136579



<u>C</u> -	-102			Enc	ergy, Minerals		ral Re	sources Depa	artment		Revised July 9, 2024			
Subi	nit Elect	ronically			OIL CO	NSERVA	TION	DIVISION			☐ In:	itial Submittal		
Via	OCD Pern	nitting				AS-D	RILI.	ED		Submittal Type:	☐ An	nended Report		
						110 15				Type.	X As	Drilled		
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	umber			Pool (		TOCA	IION	Pool Name						
	025-49	325			2205				Antelope	e Ridge; Bone	<u> </u>	<u></u>		
33	rty Code 1355			-		GOLDE	N TE	E 31 FED (	СОМ			Number 302H		
OGRID	No. 0396			Operat	tor Name	TAAVA	OPE	PERATING, LLC				d Level Elevation 3454		
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						Surf	ace L	e Location						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e	Longitude		County		
D	31	22 S	35 E	1	309 FNL	1200 1	FWL	32.3545706° N 103.411294			5° W	LEA		
		•		-l		D-41	** 1							
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Location Latitud	e	Longitude		County		
E	6	23 S	35 E	5	2585 FNL	1270 1		32.33380		03.4III076° W				
	ted Acres 1: 638.08	Ac			Infill or Defi	ining Well	Defini	ng Well API	Overlappi	ng Spacing Unit (Y/	N) Co	onsolidation Code		
	: N/2 319	9.36 Ac.	TOTAL ACF		7.44 Infill		30-	025-49328	N	No				
Order	Numbers.		CA#14	3819			1	Well setbacks are	under Con	nmon Ownership:	] Yes [	∑ No		
Kick Off Point (KOP)														
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	е	Longitude		County		
М	30	22 S	35 E	4	36I FSL	1239	FWL	32.35641	15° N	103.4111646	° W	LEA		
						First Ta	ke P	oint (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	е	Longitude		County		
D	31	22 S	35 E	1	II7 FNL	1242 1	FWL	32.35509	103.4111569	3.4111569° W LEA				
						Last Ta	ke Po	oint (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Point (LTP)    Latitude   Longitu				County		
E	6	23 S	35 E	5	2529 FNL	1269	FWL	32.33395	72° N	103.411119	° W	LEA		
Unitize		Area of I		nterest	Spacing Un	nit Type	Horizo	ontal 🗌 Vertical	L	Ground	Floor El	evation:		
	11	ederal	Unit								3427			
I hereby my knot organize includin location interest, entered If this consent in each interval	certify the wledge and ution either g the prope pursuant t or to a vo by the divi well is a he of at least tract (in ti will be loo	belief, and, owns a wor seed bottom is a contract of a contract luntary pool sion.  wrizontal wel one lessee the target po ated or obta	nation cont if the well king intere hole locatio with an o ing agreem il, I further or owner of old or forma an Two	ained her is verticate or unliner of the certify: certify: a working or unliner of the certify: a working or unlinery pulsory p	rein is true and comp pal or directional well, leased mineral interest a right to drill this a a working interest or compulsory pooling of that this organization ng interest or unlease which any part of the pooling order from the 9/23/2024 Date	that this t in the land well at this unleased mis der heretofor has received d mineral in well's comp	est of I u or	oas plotted from f r under my super correct to the best	at the well rield rotes bision and rote with the well with	location shown on of actual surveys me that the same is to	ade by r			
		-11			this completion ambit						1	, ,		

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 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.

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Plat Revised: 9/13/24

Legend:

= Surface Location

O = Bottom Hole Location ♦ = Kick Off Point (KOP)

∆ = First Take Point (FTP)
 □ = Last Take Point (LTP)
 → = Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

Found 1" Iron Rod

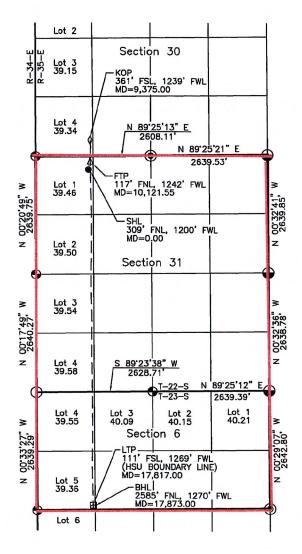
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 11-01-2021

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493950.70 N X= 826058.44 E LAT.= 32.3545706 N LONG.= 103.4112945 KICK OFF POINT NAD 83 NMSPC ZONE 3001 361' FSL, 1239' FWL SEC. 30, T22S, R35E Y= 494620.79 N X= 826092.79 E LAT.= 32.3564115 N LONG.= 103.4111646 FIRST TAKE POINT NAD 83 NMSPC ZONE 30 117' FNL, 1242' FWL SEC. 31, T22S, R35E 3001 Y= 494143.28 N X= 826099.28 E LAT.= 32.3550990' N LONG.= 103.4111569' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2529' FNL, 1269' FWL SEC. 6, T23S, R35E Y= 486451.87 N X= 826179.40 E LAT.= 32.3339572' N LONG.= 103.4111119' BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486395.97 N X= 826181.21 E LAT.= 32.3338036 N LONG.= 103.4111076 N



	-102	onicelly.		En			ral Re	Mexico Resources Department ON DIVISION					vised July 9, 2024	
	nit Electi OCD Pern					AS-DI	ртт т	מש			Submittal		tial Submittal	
						A9-D1	UILL	ലവ			Туре:		Drilled	
			T I											
API N	umber			Pool (	Code	WELL LOCA	TION	INFORMATION Pool Name	<u> </u>					
LONGINE MADE	0-025-	49327			2205				ntelope	Ridge	e; Bone Sp	ring,	North	
	rty Code 31355			Prope	rty Name	GOLDE	N TE	E 31 FED (	СОМ		v v	Well N	umber 304H	
OGRID	No. 330396	<b>.</b>		Opera	tor Name	AVANIT	OPI	ERATING, L	1.0			Groun	d Level Elevation 3475	
		State [	Fee T	ribal 🛚	] Federal	AVAINI		Mineral Owner:   State   Fee   Tribal   Federal						
			***************************************			Comf		e Location						
UL	Section	Township	Range	Lot	Ft. from N/			Latitud	e	l	Longitude	······································	County	
В	31	22 S	35 E		400 FN	L   1514 F	FEL	32.35432	92° N	4030856	° W	LEA		
						Bottom	Hole	ole Location						
UL Section Township Range Lot Ft. from N/S Ft. from E								Latitud	e	Longitude		County		
F	6	23 S	35 E		2618 FN	IL 2522	FWL				4070541	° W	LEA	
Dedica	ted Acres				Infill or	Defining Well	Defini	ng Well API	Overlenn	ing Space	ing Unit (Y/N	)   Co	nsolidation Code	
SEC 3	1: 638.08	Ac. 9.36 Ac.	TOTAL ACE	DEC. 05				-025-49328	overlapp.	No.	mg omt (1/N	,   "	insoldation code	
	Numbers.				7.44   111111	11			under Con		wnership:	Yes D	No No	
Order Numbers. CA#143819 Well setbacks are under Common Ownership:   Kick Off Point (KOP)														
UL	Section	Township	Range	Lot	Ft. from N/			Latitud	e	Ī —	Longitude		County	
UL   Section   Township   Range   Lot   Ft. from N/S   Ft. from F   B   31   22 S   35 E   243 FNL   2592 F								32.35475	69° N	103.	4065792	° W	LEA	
						First Ta	ike P	oint (FTP)						
UL	Section	Township	Range	Lot	Ft. from N/			Latitude Longitud					County	
С	31	22 S	35 E		723 FN	L 2527	FWL						LEA	
						Last Ta	ke P	Point (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/			Latitud			Longitude		County	
F	6	23 S	35 E		2508 FN	NL 2520	FWL	32.33402	36° N	103.	4070591	° W	LEA	
· · · · · ·														
Unitize		deral U		nterest	Spacin	g Unit Type	Horizo	ontal 🗌 Vertical	ľ		Ground F	100 <b>0 E</b> 10 1448		
		uorur o										2110	J	
I hereby my know organize includin location interest, entered  If this is consent in each	vertify the wledge and tition either g the prope pursuant t or to a ve by the divi well is a he of at least tract (in t	belief, and, owns a wor used bottom o a contract cluntary pool sion. orizontal wei one lessee o he target po	nation conti if the well king intere hole location with an o ling agreem II, I further or owner of ol or forma	is verti st or uni n or has wner of ent or a certify a worki tion) in	cal or directional leased mineral in a right to drill i a working interes compulsory pools that this organize ing interest or un	terest in the land this well at this st or unleased min ng order heretofor ation has received aleased mineral in of the well's comp	est of I	ctual surveys made orrect to the best of	the well locally me or un	VUK MEX	supervision, and	-	ted from field notes of same is true and	
Signal	ure	- Tew			9/23/20	024	-	Signature and Seal	-					
g=		eghan T	wele				Signature and Seal of Professional Surveyor							
Printe	d Name						Certificate Number Date of Survey			1.0/2.44				
E-ma	mtv il Address	wele@c	utlook	.com				17971		9/09/	′22	9/	18/2029	
	Madas Ma	allowable -	will be send		Al-11-41	until all interest								

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 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.

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PLAT REVISED: 9/16/24

Legend:

. = Surface Location

0 = Bottom Hole Location

= Kick Off Point (KOP)

♦ = Rick Off Point (ROP)

Δ = First Take Point (FTP)

□ = Last Take Point (LTP)

□ = Found 1913 USGLO

Brass Cap

□ = Found 1918 USGLO

Brass Cap

□ = Found 1" Iron Rod

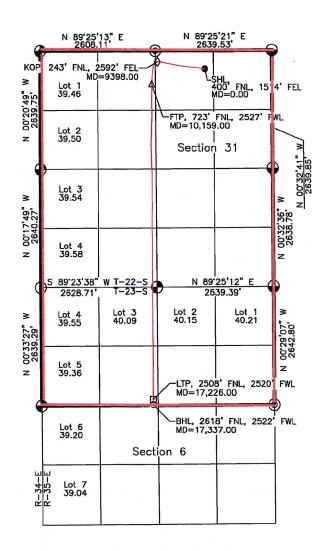
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493884.81 N X= 828594.16 E LAT.= 32.3543292' N LONG.= 103.4030856' W KICK OFF POINT NAD 83 NMSPC ZONE 3001 243' FNL, 2592' FEL SEC. 31, T22S, R35E Y= 494031.03 N X= 827513.96 E LAT.= 32.3547569' N LONG.= 103.4065792' W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 723' FNL, 2527' FWL SEC. 31, T22S, R35E Y= 493550.06 N X= 827387.81 E LAT.= 32.3534379 N LONG.= 103.4070012 W LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2508' FNL, 2520' FWL
SEC. 6, T23S, R35E
Y= 486486.82 N
X= 827431.01 E
LAT.= 32.3340236' N
LONG.= 103.4070591' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486375.87 N X= 827433.52 E LAT.= 32.3337186 LONG.= 103.4070541' W

DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 8/21/22



<u>C</u> -	-102			En		Minerals		ral Re	esources Depa	artment			Rev	vised July 9, 2024	
Sub	mit Elect:	ronically				OIL CO	NSERVA	ATION	N DIVISION		1		☐ Init	tial Submittal	
Via	OCD Pern	nitting					AS-DI	RILI	.ED			Submittal		ended Report	
							מל א	IVILL	لاظ			Туре:		Drilled	
					***************************************								123.40	<u> </u>	
APT 33						WE	LL LOCA	TION	INFORMATION						
	umber 80-025-	10328		Pool (		2205			Pool Name	talona l	2 idaa	Bone Spr	ing N	Jorth	
	rty Code	49320		Prope	rty Nar			***************************************	Am	letope !	Xiuge,	, bone spr		umber	
	331355						GOLDE	N TE	E 31 FED (	COM				305H	
OGRID	No. 330396	5		Opera	tor Nar	ne	AVANIT	- OB	EDATING I	1.0		-, "	Groun	d Level Elevation	
Surfac		State [	7 Fee □ T	ribal 🔯	Federa	n]	AVAINI		OPERATING, LLC 3475  Mineral Owner: State Fee Tribal Federal						
					rodoro	•			ee Location						
UL	Section	Township	Damma	7-1	T 731	t >> /G	·								
В	31	Township 22 S	Renge 35 E	Lot		from N/S  O FNL	Ft. from								
	<u> </u>	LL O	OO L	<u> </u>	40	OTNE	1440		32.33432	9/ N	103.	4020122	YY	LEA	
							Bottom	Hole	Location						
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude	-		Longitude		County	
G 6 23 S 35 E 2616 FNL 1508 F									32.33373	00° N	00° N   103.4030577° W   LEA				
									ing Well API	Overlan	ing Spa	cing Unit (Y/N	Co	nsolidation Code	
SEC 31: 638.08 Ac. SEC 6: N/2 319.36 Ac. TOTAL ACRES: 957.44 Defining									-025-49328	o voriup;	No	ome ome (1/14	,   55.		
Order Numbers. CA#143819													·	7 17	
			(XII 1 + 3)	017					Well setbacks are	under co	шшоп о	wnership:	tes [2	No No	
							int (KOP)								
UL D	Section	Township	Range	Lot		from N/S	Ft. from		Latitude		Ī	Longitude		County	
В	31	22 S	35 E		/ / 8	FNL	1605	FEL	32.355214	46° N	103	.4033813	° W	LEA	
							First Ta	ke P	oint (FTP)						
υL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude	е		Longitude		County	
В	31	22 S	35 E		42	8 FNL	1583	FEL							
							Lact Ta	ke D							
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		e Point (LTP)  E/W Latitude Longitude County						
G	6	23 S	35 E		250	3 FNL	1521 F		32.33404	14° N	103.		° w	LEA	
Unitize	d Area or	Area of U	Uniform In	aterest		Spacing Ur	nit Type K	Horizo	ontal 🗌 Vertical			Ground Fl	oor Ele	vetion:	
		Federa	ıl Unit										3448	•	
I hereby my kno organize includir location interest, entered	y certify the wledge and ation either ug the propo pursuant t or to a vo by the divi	belief, and, oums a wor sed bottom i o a contract luntary pool sion.	nation conto if the well king interes hole location with an or- ing agreem	is verticest or unling or has where of ent or a	eal or di leased m a right a workis compuls	rue and compl rectional well, ineral interest to drill this u g interest or ory pooling or organization	that this in the land well at this unleased min der heretofor	st of I a c	SURVEYOR CER hereby certify that is citual surveys made is correct to the best of	the well loo by me or u	ation show	NUK	that the		
consent in each	of at least tract (in to will be loc	one lessee o he target po	or owner of ol or forma	a worki tion) in	ng inter which a pooling o	est or unlease my part of the order from the	d mineral ini well's comp division	terest leted	Signature and Seal c	l Professio		SYONAL SU	1000		
		Megl	nan Tw	ele				Signature and Seal of Professional Surveyor							
Printe	ed Name							-	Certificate Number	Г	ate of Su	rvey	,		
		ntwele@	outlo	ok.coi	n				1492	1	9/09/	′22	91		
E-ma	il Address		vill he accid						101	1,	-, 55/		//		

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PLAT REVISED: 9/16/24

Legend:

Surface Location O = Bottom Hole Location

= Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

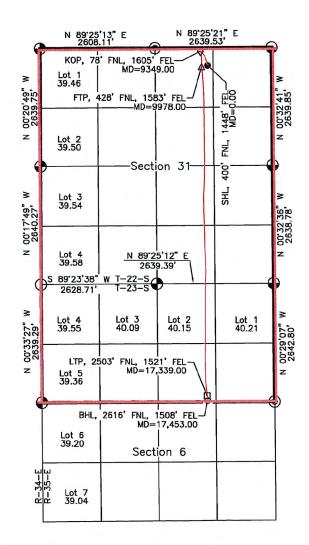
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD B3 NMSPC ZONE 3001 IAD 83 NMSPC ZONE 30L Y= 493885.56 N X= 828660.06 E LAT.= 32.3543297' N LONG.= 103.4028722' W KICK OFF POINT NAD 83 NMSPC ZONE 3001 78' FNL, 1605' FEL SEC. 31, T22S, R35E Y= 494206.11 N X= 828500.06 E LAT.= 32.3552146 N LONG.= 103.4033813 W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 428' FNL, 1583' FEL SEC. 31, T22S, R35E Y= 493856.94 N X= 828524.87 E LAT.= 32.3542543 N LONG.= 103.4033107 W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2503' FNL, 1521' FEL SEC. 6, T23S, R35E Y= 486503.91 N X= 828654.52 E LAT.= 32.3340414 N LONG.= 103.4030977 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486390.69 N X= 828667.88 E LAT.= 32.3337300° N LONG.= 103.4030577°

DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 8/10/22



<u>C</u> -	-102			En	ergy, Miner	State of Ne		Resources Department					evised July 9, 2024	
Subi	mit Elect:	ronically			OIL	CONSERVAT	'ION	DIVISION		-		□Ini	itial Submittal	
Via	OCD Pern	nitting				AS-DR	ILL	ED			Submittal Type:		nended Report	
											туре.	X As	Drilled	
						WELL LOCATI	ION :	INFORMATION						
AND CONTRACTOR OF THE PARTY OF	umber	5-4932	20	Pool (		05		Pool Name	DIL	CE.	DONE CE	DIN	C NORTH	
	rty Code	1355	- 7	Proper	rty Name		TE	ANTELOPE E 31 FED CON		GE;	BUNE SI		Number 306H	
OGRID		0396		Operat	or Name							Groun	nd Level Elevation	
Surfac		State	Fee T	ribal 🛚	Federal	AVANI		DPERATING, LLC 3505  Mineral Owner:  State Fee Tribal Seederal						
						Surfac		ocation	<u> </u>			•		
UL	Section	Township	Range	Lot	Ft. from N	S Ft. from E	/W							
_ A	31	22 S	35 E		583 FN	L   430 FE	EL							
				,				Location						
ы. Н	Section 6	Township 23 S	Range 35 E	Lot	Ft. from N, 2618 FN			Latitude	0 M	107	Longitude	County		
		20 3	33 L		2010 FI	IL   334 FE		32.3337286	IN	103.	3992539	V	LEA	
SEC. 3	ted Acres 31: 638.08 5: N/2; 3	3 Ac. 19.36 Ac.	TOTAL: 9!	57.44 A				ng Well API Over -025-49328		ng Spac	ing Unit (Y/N	) Co	onsolidation Code	
Order	Numbers.	CA	\#1438	19			Tell setbacks are unde	er Com	mon O	vnership: 🔲	Yes [	∑ No		
Kick Off Point (KOP)														
UL	Section	Township	Range	Lot	Ft. from N,		•	Latitude			Longitude		County	
Α	31	22 S	35 E		195 FN	L   349 FE	EL	32.3548978	° N	103.	3993128	° W	LEA	
777	- ··	lm 1.	-					oint (FTP)						
и. <b>А</b>	Section 31	Township 22 S	Range 35 E	Lot	Ft. from N, 709 FN			00000						
	<u> </u>						Point (LTP)							
UL	Section	Township	Range	Lot	Ft. from N,			√W Latitude Longitude County						
Н	6	23 S	35 E		2495 FN	NL   340 FE	EL	3 3						
Unitize	d Area or	r Area of I	Iniform Iv	terest	- I a .						T			
omuze		ederal U		itel est	Spacir	g Unit Type 🛚 I	lorizo	ntal 🗌 Vertical			Ground F	347	ST. 01 H50252249901	
I hereby my know organize includin location interest, entered  If this	y certify the wledge and ation either ug the prope pursuant t or to a ve by the divi	belief, and, owns a wor osed bottom to a contract bluntary pool ision.  orizontal wel	nation conto if the well king interes hole location t with an or- ling agreem II, I further	sined her is vertic st or unl n or has wner of ent or a	eal or directional eased mineral in a right to drill a working interes compulsory pools that this organize	terest in the land	SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes of abrual surpers made by me or under my supervision, and that the same is frue and correct to the best of my besief.  MEY  14831							
in each	tract (in t	he target po	ol or forma	tion) in		of the well's complete n the division			OFF	10188	VAL SURIN			
Signat		Me	ghan T	wele	Date		Signature and Seal of Professional Surveyor							
	ed Name mi	twele@	outlook	c.com			Certificate Number   Date of Survey   1493   9/17/24   6/4/2024					12024		
						-				1 11				

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Plat Revised: 9/26/24

Legend:

Surface Location

0 = Bottom Hole Location = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)

□ = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 09-20-2022

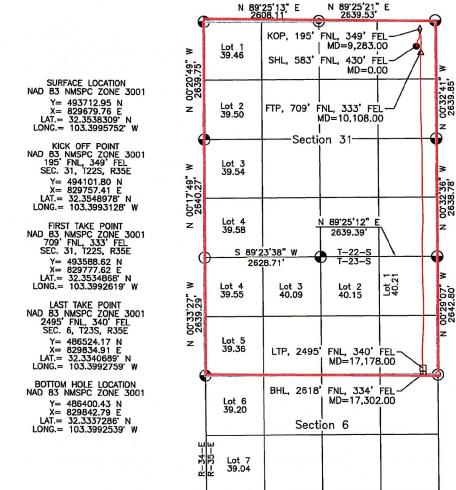
NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

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<u>C</u> -	-102			En	ergy, Minerals		Mexico Revised July Resources Department ON DIVISION					
Subr	nit Electi	onically			OIL COR	NSERVATIO.	N DIVISION			☐ Init	ial Submittal	
Via	OCD Perm	nitting				AS-DRILI	LED		Submittal Type:	☐ Am	ended Report	
									-77	X As	Drilled	
					WE	I.I. LOCATION	INFORMATION			V		
API N				Pool (	Code	III DOORIION	Pool Name					
	.025-49 rty Code	365		<b>D</b>	2205		Antelop	e Ridge	e; Bone Sp			
	331355			Proper	rty Name	GOLDEN T	EE 31 FED COM			Well N	50IH	
OGRID	No. 30396			Operat	tor Name	AVANT OF	ERATING, LLC			Ground	d Level Elevation 3454	
		State [	Fee 🔲 T	ribal 🛚		AVAIL OF	Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal					
						Surface 1	Location		· · ·			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	T	Longitude		County	
D	31	22 S	35 E	1	210 FNL	1200 FWL	32.3548427° N	103	4112937	° W	LEA	
						Bottom Hol	e Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude		County		
E	6	23 S	35 E	5	2578 FNL	484 FWL	32.3338179° N 103.413652			° W	LEA	
Dedica	ted Acres				Infill or Defi	ning Well Defin	ning Well API Overlap	ping Spac	ing Unit (Y/N	) Co	nsolidation Code	
	1: 638.08 : N/2 319	Ac. 9.36 Ac.	TOTAL ACF	RES: 957		-	0-025-49328	)	, I			
Order	Numbers.	CA#1	43819				Well setbacks are under Co	ommon O	vnership:	Yes [	☑ No	
Kick Off Point (KOP)												
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	1	Longitude		County	
M	30	22 S	35 E	4	22I FSL	580 FWL	32.3560234° N	1 103.	4132996	° W	LEA	
						First Take 1	Point (FTP)					
ՄL D	Section 31	Township 22 S	Renge 35 E	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	.0. 141	County		
D	- 31	22 3	33 E	1	II6 FNL	474 FWL	32.3550976° N	4136449	V	LEA		
		r				Last Take I						
UL E	Section 6	Township 23 S	Range 35 E	Lot 5	Ft. from N/S 2526 FNL	Ft. from E/W	Latitude 32.3339608° N	County LEA				
		20 0	33 L	1 5	2020 I NL	400 1 14	J2.3339008 N	1 100.	4136557		LEA	
Unitize	ed Area or	Area of	Uniform I	nterest	Spacing Ur	nit Type 🛛 Hori:	zontal Vertical		Ground F	loor Ele	vation:	
L	Fed	eral Un	it			, <u>,                                    </u>			3	3427'		
I hereby my knot organize includin location interest, entered  If this consent in each interval	y certify the wledge and action either to g the proper pursuant i or to a ve by the divi well is a he of at least tract (in t i will be locature	belief, and, owns a won sed bottom to a contract cluntary pool sion.  orizontal wei one lessee the target po	nation cont if the well thing inters thing inters the locatio with an o ing agreem ill, I further or owner o ol or forma ined a com	ained her l is vertive st or univer of ment or a certify f a worki ution) in	rein is true and complete or directional well, leased mineral interest a right to drill this a working interest or compulsory pooling or that this organization in interest or unlease which any part of the pooling order from the 9/23/202  Date	that this in the land well at this unleased mineral der heretofore has received the d mineral interest well's completed division	SURVEYOR CERTIFIED I hereby certify that the we was plotted from field note or under my supervision a correct to the best of my so	ell locations of side	shown on the surveys made come is tru	de by m	ie	
	il Address				this completion until		Certificate Number As-Drilled Revised: 12/30/21    149 3   8/27/21					

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 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.

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Plat Revised: 9/13/24

Legend:

= Surface Location

O = Bottom Hole Location = Kick Off Point (KOP)

∆ = First Take Point (FTP)
 □ = Last Take Point (LTP)
 □ = Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

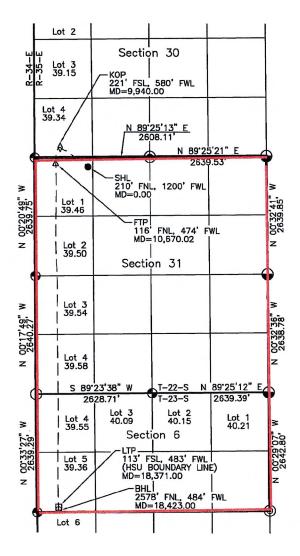
= Found 1" Iron Rod

O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 10-03-2021 NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494049.70 N X= 826057.82 E LAT.= 32.3548427' N LONG.= 103.4112937' KICK OFF POINT NAD 83 NMSPC ZONE 3001 221' FSL, 580' FWL SEC. 30, T22S, R35E Y= 494473.92 N X= 825434.72 E LAT.= 32.3560234\* N LONG.= 103.4132996\* FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
116' FNL, 474' FWL
SEC. 31, T22S, R35E
Y= 494136.19 N
X= 825330.95 E
LAT.= 32.3550976' N
LONG.= 103.4136449' W LAST TAKE POINT NAD 83 NMSPC ZONE 30 2526' FNL, 483' FWL SEC. 6, T23S, R35E Y= 486446.41 N X= 825393.66 E LAT.= 32.3339608 N LONG.= 103.4136557 BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486394.43 N X= 825395.11 E LAT.= 32.3338179 I LONG.= 103.4136525



<u>C</u> -	-102			En	ergy, Minerals		Mexico desources Departma N DIVISION	ent		Revised July 9, 2024			
	mit Electi				OIL COI	NSERVATIO	N DIVISION		_ I		] Initial Submittal		
VIE	OCD Pern	ntting				AS-DRIL	LED		Submittal Type:	☐ Am	ended Report		
								"	🛚 As Drilled				
					WE	LL LOCATION	INFORMATION						
	umber	220		Pool (			Pool Name	5.1	ъ с		Y 1		
	025-49	330		_	2205		Antelop	be Ridge	e; Bone Spi				
	rty Code 331355			Prope	rty Name	GOLDEN T	EE 31 FED COM			Well N	502H		
OGRID		<u> </u>		Opera	tor Name	AVANT OF	PERATING, LLC			Ground	d Level Elevation		
Surfac		State [	Fee 🗆 T	ribal X	Federal	AVAIVI OI	Mineral Owner: ☐ State	П Гее П	Tribal 🕅 Federa	1	3434		
					1000101	Location		Tibu (A) Todoro	•				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	T	Longitude		County		
D	31	22 S	35 E	1	243 FNL	1200 FWL		N 103	3.4112940	° w	LEA		
		L				Bottom Hol							
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County		
Е	6	23 S	35 E	5	2588 FNL	1264 FWL	. 32.3337945°	N 10	3.4111254°	w	LEA		
			L	<u> </u>	I		-1						
	ted Acres	Ac.			Infill or Defi		-		acing Unit (Y/N	) Co	nsolidation Code		
		9.36 Ac.			7.44 Infill	30	)-025-49328	No					
Order	Numbers.	CA <sup>‡</sup>	<del>414381</del>	9			Well setbacks are under	Common	Ownership:	Yes 🛚	No No		
						Kick Off Po	oint (KOP)						
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County		
M	30	22 S	35 E	4	478 FSL	II77 FWL	32.3567340°	N   103	3.4113645	° W	LEA		
						First Take	Point (FTP)						
υL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County		
D	31	22 S	35 E	1	104 FNL	1259 FWL	. 32.3551330°	N 10	3.4111033°	, M	LEA		
						Last Take H	Point (LTP)						
ΩL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	2 100	Longitude		County		
E	6	23 S	35 E	5	2533 FNL	1263 FWL	. 32.3339455°	N IO	3.4111283°	, M	LEA		
Unitize	ed Area or	Federal		nterest	Spacing U	nit Type 🛚 Hori:	zontal 🗌 Vertical		Ground F	loor Ele 3427	The state of the s		
		1 cacra	Ome			·····				3 12 7			
I hereby	y certify the		nation cont	ained her	rein is true and comp cal or directional well	lete to the best of	SURVEYOR CER	well locati	ion shown on th	and the second			
organiz includir	ation either ng the propo	owns a wo sed bottom	rking intere hole locatio	st or uni n or has	leased mineral interes a right to drill this	t in the land well at this	was plotted from field n or under my supervision correct to the best of my	and that	the ships is tr	ie by m ie and	e.		
interest,	-	huntary pool			a working interest or compulsory pooling or	unieusea minerai	/	ON	METICO				
							1	1 14	4831	-1			
consent	of at least	one lessee	or owner o	a worki	that this organization ing interest or unlease	ed mineral interest	(3			5/			
					which any part of the pooling order from the			THE	NAL SURIE				
Signa	ture	1-12	1	)	9/23/2024 Date	1	Signature and Seal, of Prof	essional an-	VAL SUL				
>igua		ghan T	wele		Date		Manufacture and Seal of Prof	1 9/	util				
Printe	ed Name	511411 1	,,,,,,,				Certificate Number		Survey				
E-ma	mtv	vele@o	utlook.	com			As-Drilled Revised: 12/30/25	8/27	7/21	91	17/2024		
							heen consolidated or a non	1		- 1	, ,		

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 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.

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Plat Revised: 9/13/24

Legend:

Surface Location

= Bottom Hole Location
= Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

→ = Found 1913 USGLO Brass Cap

= Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

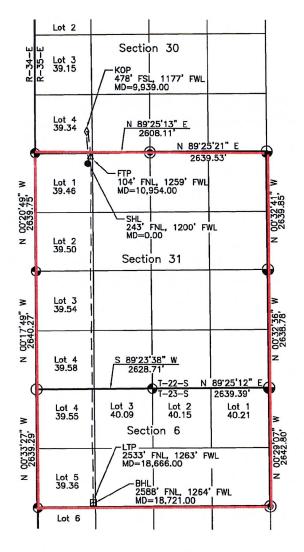
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 10-11-2021

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494016.69 N X= 826058.03 E LAT.= 32.3547520 N LONG.= 103.4112940 N KICK OFF POINT NAD 83 NMSPC ZONE 3001 478' FSL, 1177' FWL SEC. 30, T22S, R35E Y= 494737.57 N X= 826030.05 E LAT.= 32.3567340 N LONG.= 103.4113645 FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 104' FNL, 1259' FWL SEC. 31, T22S, R35E Y= 494155.82 N X= 826115.71 E LAT.= 32.3551330 N LONG.= 103.4111033 W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2533' FNL, 1263' FWL SEC. 6, T23S, R35E Y= 486447.56 N X= 826174.37 E LAT.= 32.3339455 N LONG.= 103.4111283 N BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486392.62 N X= 826175.73 E LAT.= 32.3337945 N LONG.= 103.4111254 N



<u>C</u> -	-102			Ene		Minerals		ral Re	esources Depa	artment			1	Revised J	July 9, 2024	
	nit Electi					OIL COL	NSERVA	ATION	DIVISION					Initial Submittal		
Via	nitting					AS-D	RILL	ED		Submittal Type:	☐ Amended Report		Report			
													$\boxtimes A$	As Drilled	i	
WELL LOCATION									INFORMATION	[						
API N	umber		v	Pool 0	Code	05			Pool Name	4 - 1	D:1	D C		NI.	.1	
Prope	30-023	5-4940 <u>6</u>	)	Proper	rty Nar				A	intelope	Ridge	e; Bone S	-	g, Nor Number		
	331355			Порс	, ., ., ., ., ., ., ., ., ., ., ., ., .,		GOLDE	N TE	TEE 31 FED COM					504H		
OGRID	No. 30396			Operat	tor Nar		AVANIT	r opi	ERATING, L	1.0			Ground Level Elevation 3475			
		☐ State ☐	Fee T	ribal 🕅	Federa		71711		Mineral Owner:		ee 🗍 Tri	ibal 🕅 Federa	<u> </u>		70	
							G . f					D. E. LOUVI				
UL	Section	Township	Range	Lot	Ft	from N/S	Ft. from		ocation Latitud	P	ı	Longitude			County	
В	31	22 S	35 E	200		0 FNL	1481 1		32.35432		103.4	4029807	o v	v	LEA	
		10000000														
UL	Section	Township	Range	Lot	I E4	from N/S	Bottom Ft. from		Location Latitud			Longitude			Country	
F	6	23 S	35 E	Lot		22 FNL	2524	ACC 103.0	32.33370		103 4	4070467	7° V	v l	County LEA	
							12024		02.00070	70 11	100.			`		
35 / 1/2	ted Acres	۸-				Infill or Defi	ining Well		ing Well API	Overlapp	ing Spac	ing Unit (Y/N	1)	Consolida	tion Code	
		9.36 Ac.			7.44	Infill		30-	025-49328		No					
Order	Numbers.	CA	\#1438	19					Well setbacks are	under Cor	nmon Ow	nership:	Yes	⊠ No		
							Kick 0	ff Po	int (KOP)							
UL	Section	Township							Latitud			Longitude			County	
В	31	22 S	35 E		52	FNL	2628	FEL	32.35528	331° N	103.4	4066936	5° \	<b>N</b>	LEA	
							First Ta	ake P	oint (FTP)							
UL.	Section	Township	Range	Lot		from N/S	Ft. from		Latitud	Longitude			County			
С	31	22 S	35 E		45	5 FNL	2515	FWL	32.35417	4/° N	105.4	4070369	)° (	N	LEA	
v							Last Ta	ake P	oint (LTP)							
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitud	Longitude	<b>7</b> 0 U	.,	County			
F	6	23 S	35 E		254	20 FNL	2521	-WL	32.33398	92° N	103.4	4070567	,	V	LEA	
Unitiza	ad Area o	Area of l	Iniform I	nterest		G	m [5	C) 17 ·				Ground F	Toor.	Hovetion		
022002			al Unit			Spacing of	nit Type	M HOLIZ	ontal   Vertica	1		dround 1		48'	•	
I hereby my kno organiz includis location interest entered	OPERATOR CERTIFICATIONS  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 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.  If this well is a horizontal well. I further certify that this grantization has received the							est of l	SURVEYOR CENT I hereby certify that uctual surveys made correct to the best of	the well locular by me or us	ation show	MEXICO	was p	plotted from the same t		
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  9/23/2024								nterest	Signature and Sea	PROT.	\$\$101	VAL SUR				
Signa		an Twel	e						Menarate and Seal	L A	aurvey	tel				
	ed Name								Certificate Number	D	ate of Sur	rvey		/	/ ,,	
	ntwele	@outlo	ok.com						14931		9/09/	22		9/18	12024	

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PLAT REVISED: 9/16/24

Legend:

Surface Location

= Bottom Hole Location

 $\Diamond$  = Kick Off Point (KOP)  $\Delta$  = First Take Point (FTP)  $\square$  = Last Take Point (LTP)

= Last Take Point (LT = Found 1913 USGLO

Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

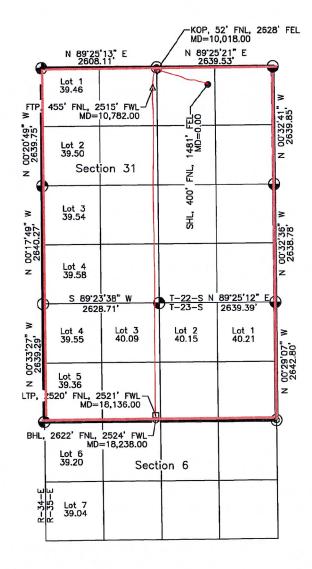
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493885,34 N X= 828626,54 E LAT.= 32,3543299 N LAI.= 32.3543299 N LONG.= 103.4029807 W KICK OFF POINT
NAD 83 NMSPC ZONE 3001
52' FNL, 2628' FEL
SEC. 31, T22S, R35E
Y= 494222.19 N
X= 827476.98 E
LAT.= 32.3552831' N
LONG.= 103.4066936' W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 455' FNL, 2515' FWL SEC. 31, T22S, R35E Y= 493818.01 N X= 827374.44 E LAT.= 32.3541747 N LONG.= 103.4070369 W LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2520' FNL, 2521' FWL
SEC. 6, T23S, R35E
Y= 486474.30 N
X= 827431.87 E
LAT.= 32.3339892' N
LONG.= 103.4070567' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 X= 486372.40 N X= 827435.84 E LAT.= 32.3337090' N LONG.= 103.4070467'

NOTE: NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 9/16/22



<u>C</u> -	-102			Ene	ergy, Minerals		ral Re	Mexico Resources Department ON DIVISION				Revised July 9, 2024		
	nit Electi				OIL CO.	NSERVA	TION	DIVISION				tial Submittal		
Via	OCD Perm	nitting				AS-DI	RILL	ED		Submittal Type:	☐ Arr	ended Report		
												X As	Drilled	
						ELL LOCA	TION	N INFORMATION						
API Number Pool Code 2205								Pool Name		D: J	. D C.		Nouth	
	rty Code	7331		Proper	2205 rty Name			A	nterope	Riage	; Bone Sp		NOTTH	
•	31355					GOLDE	N TE	TEE 3I FED COM 505H						
OGRID				Operat	tor Name	A\/		ERATING, L	1.0			Groun	d Level Elevation 3475	
	330396	State [	Fee 🗆 T	ribal 🕅	Federal	AVAIVI		Mineral Owner:		ee 🗆 Tr	ibal XI Federa		34/5	
				11001 (/)	10000	-		anticiui ovinci:	Totale [] I	<u> </u>	Ibut Ed Louoiu			
								ocation		т				
UL B	Section 31	Township 22 S	Range 35 E	Lot	Ft. from N/S 400 FNL	Ft. from		32.35432		107	Longitude	0 14/	County LEA	
В	JI	LL 3	33 E		400 FNL	1415 1		32.33432	99 14	103.4	4027669	VV	LEA	
		. 7				Bottom	Hole	Location						
UL.	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud			Longitude		County	
G	6	23 S	35 E		2623 FNL	1544	FEL	32.33371	20° N	103.	4031742	° W	LEA	
Dedica	ted Acres				Infill or Def	ining Well	Defini	ing Well API	Overlappi	ing Spac	ing Unit (Y/N	Co	nsolidation Code	
	1: 638.08	Ac. 9.36 Ac.	TOTAL ACE	PFS+ 057	7.44 Infill	3	30-	025-49328		No				
	Numbers.		A#1438		111111			Well setbacks are under Common Ownership: ☐ Yes ☐ No						
			***************************************										A	
UL	Soutien	Township	Donne	Lot	T4 4 N/G			int (KOP)						
B	Section 31	Township 22 S	Range 35 E	Ft. from N/S 49 FNL	Ft. from 1534	32.35529	Longitude 103.4031513° W			County LEA				
		LL G	00 L		49114	1004		32.33329	39 14	103	4001010		LLA	
						First Ta	ake P	oint (FTP)						
UL B					Ft. from N/S   Ft. from E/W   575 FNL   1519 FEL			1.6titude 32.3538495° N 10			Longitude	0 144	County	
Б	31	22 S	35 E		575 FNL	1519 1	FEL	.   32.3538495° N   103.4031027°					LEA	
						Last Ta	ke P	oint (LTP)						
UL	Section	Township	Range	Lot	Ft. from N/S		Ft. from E/W Latitude			Longitude			County	
G	6	23 S	35 E		2509 FNL	1544	FEL	32.33402	103.	4031720	° W	LEA		
Unitize		Area of Tederal		nterest	Spacing U	nit Type [	Horiz	ontal 🗌 Vertical	1		Ground F		evation:	
	1	cuciai	Omt		L						] 344	0		
OPER	ATOR C	ERTIFICA'	TIONS				5	SURVEYOR CER	RTIFICATI	ONS				
		The Control of the Co			rein is true and comp cal or directional wel			hereby certify that uctual surveys made				-	ted from field notes of	
organiza	ation either	owns a wor	king intere	st or uni	leased mineral interes	at in the land		correct to the best of	or The State State Co.	-	THE REAL PROPERTY.	57645 576	Same S in the tirity	
					a right to drill this a working interest or		neral		/.	AA	VUKON			
	or to a vi		ing agreem	ent or a	compulsory pooling of	rder heretofor	re		/8	N	MEXICO	2/		
			I fumbon	. combide	that this assassination	han annahund			15	1 36	1004	1		
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									PF	1	4831)	0 R		
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									PROF	1		5/		
			1							SSIC	VAL SURV			
-		1	+		9/23/2024					101	VAL S			
Signa	ture	1 6		-	2.20,2021			Signature and Seal	of Profession	nal Surve	or /	,		
		Meg	ghan Ty	wele				6/2	MA	9/	wall			
Printe	ed Name							Certificate Number	De	ate of Su	rvey		//	
		twele@	outlool	k.com	1			11483		9/09/	22	9/1	8/2024	
E-me	il Address		vill be assi	igned to	this completion unti	l all interest	s have t	been consolidated or	a non-stan	idard uni	t has been ann	round by	u the division.	

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PLAT REVISED: 9/16/24

### Legend:

= Surface Location = Bottom Hole Location

= Kick Off Point (KOP)

= First Take Point (FTP) = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap = Found 1918 USGLO

Brass Cap

= Found 1" Iron Rod

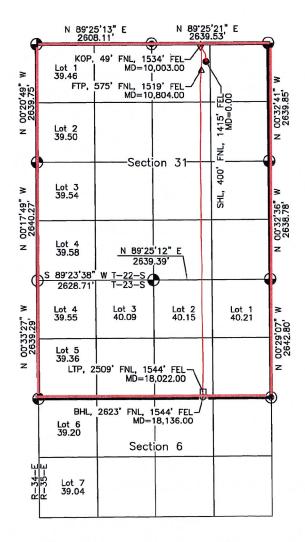
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493885.92 N X= 828692.58 E LAT.= 32.3543299 N LONG.= 103.4027669 W KICK OFF POINT NAD 83 NMSPC ZONE 3001 49' FNL, 1534' FEL SEC. 31, T22S, R35E Y= 494235.60 N X= 828570.81 E LAT.= 32.3552939' N LONG.= 103.4031513' W FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
575' FNL, 1519' FEL
SEC. 31, T22S, R35E
Y= 493710.24 N
X= 828590.41 E
LAT.= 32.3538495' N
LONG.= 103.4031027' W LONG.= 103.403102/ w
LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2509' FNL, 1544' FEL
SEC. 6, T23S, R35E
Y= 486497.86 N
X= 828631.63 E
LAT.= 32.3340254' N
LONG.= 103.4031720' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486383.86 N X= 828631.95 E LAT.= 32.3337120 N LONG.= 103.4031742' W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 8/02/22



<u>C</u> -	-102			Fn	State of New Mexico ergy, Minerals & Natural Resources Departme						T	Revised July 9, 202			
				EH					Sources Depa V DIVISION	rimeni					
Subr Via	mit Electi OCD Pern	ronically nitting									Submittal	☐ Initial Submittal			
						1	AS-D	RILL	ÆD			Туре:	Amended Report		
												1	🛚 As Drilled		
WELL LOCATION															
API Number Pool Code 2205								Pool Name ANTELO	PE RII	OGE;	BONE SF	RIN	G, NORTH		
Proper	1355		Proper	ty Nan		GOLDE	N TE	E 31 FED C	ОМ			Well Number 506H			
OGRID		0396		Operat	or Nan		AVANT	COPI	ERATING, L	1.0			Groun	d Level Elevation 3505	
Surfac		State [	Fee T	ribal 🛚	Federa		AVAITI		Mineral Owner:		ee 🔲 Tr	ribal 🛛 Federa	ı	3303	
							Surf		ocation						
UL	Section	Township	Range	Lot		from N/S	Ft. from		Latitude			Longitude			
Α	31	22 S	35 E		55	0 FNL	430 l	FEL	32.35392	ilo N	103.	3995752	· W	LEA	
				_					Location						
и. H	Section 6	Township 23 S	Range 35 E	Lot		from N/S 9 FNL	Ft. from		32.33372		103	Longitude	O VAI	County LEA	
<u> </u>		1200	00 L	<u></u>		> 1 IVL	000		02.0007E	O4 14	100.	099L0L0	• • • • • • • • • • • • • • • • • • • •	LLA	
SEC 3	ted Acres 1: 638.08 : N/2; 31	Ac. 9.36 Ac.	TOTAL ACI	RES: 95		Infill or Defi Infill	ning Well		ing Well API -025-49328	Overlapp	ing Spa	cing Unit (Y/N	) Co	nsolidation Code	
	Numbers.		\#1438	MATERIA MARKET		HIIII		<u> </u>	Well setbacks are	under Cor	nmon 0	wnership:	Yes Ş	☑ No	
							Kick 0	ff Po	int (KOP)						
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude	9		Longitude		County	
Α	31	22 S	35 E		53	FNL	347	FEL	32.35528	79° N	103.	3993077	° W	LEA	
									oint (FTP)						
UL A	UL Section Township Renge Lot Ft. from N/S Ft. from E/1 A 31 22 S 35 E 575 FNL 352 FEL							32.35385		103	Longitude 3993239	0 \A/	County LEA		
	<u> </u>	122 0	00 2		0,	OTIVE			oint (LTP)	00 14	100.	0,,020,	•	LLA	
UL	Section	Township	Range	Lot	Ft.	from N/S	Ft. from		Latitude	3		Longitude		County	
Н	6	23 S	35 E		250	8 FNL	336	FEL	32.33403	I4° N	103	.3992618	° W	LEA	
Unitize		r Area of t ederal U		terest		Spacing Ur	nit Type	Horizo	ontal 🗌 Vertical			Ground F	347		
	1	caciai	) III t			<u> </u>							347	0	
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and betief, and, if the well is 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.  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  10/4/2024  Signature  Date  Meghan Twele  Printed Name									SURVEYOR ( I hereby certify the was plotted from for under my super correct to the best  Signature and Scale  Certificate Number	at the wellield notes vision and of my bell	Location acrument that the transfer of the tra	n shown on the surveys made surveys made is true of the survey of the survey of the shown on the survey of the survey of the shown on the survey of the survey of the shown on the survey of th	de by m		
E-ma	il Address		<i>a</i> ounc	OK.CC	111				110.		9/17/	/24	19/9	4/2024	

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Plat Revised: 9/26/24

Legend:

= Surface Location

= Bottom Hole Location

= Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

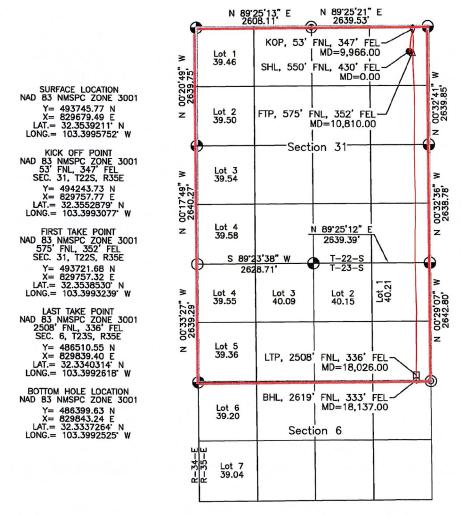
= Found 1918 USGLO Bross Cap **(** = Found 1" Iron Rod

0 = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 09-12-2022

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED



<u>C</u> -	-102			En		Minerals		ral Re	Mexico Resources Department ON DIVISION				Revised July 9, 2024		
	nit Electi				,	JIL COI	NOEKVA	ATION					☐ Initial Submitte		
Via	OCD Perm	nitting					AS-D	RILL	ED		Submittal Type:	☐ Am	nended Report		
												Type.	☐ As	Drilled	
WELL LOCATION									INFORMATION	ı					
	umber			Pool (	Code		TO TOCK	ATION	Pool Name			***************************************			
	)-025-5	0929				2205			Α	Antelop	e Ridg	ge; Bone S			
	<b>131355</b>			Prope	rty Nam		GOLDE	N TE	E 31 FED (	COM			Well	Number 60IH	
OGRID No. Operator Name												Groun	d Level Elevation		
	30396	☐ State ☐	Tee 🗀 T	ribal [V	Federa	1	AVAN		ERATING, L		ree 🗆 T	ribal 🛛 Federa	<u> </u>	3454	
Daria	o owner.	btate _	1100 [] 1	TIDAL (A)	redera					J Diate   1	60 [] 1	Ibai 🔯 redere	<u> </u>		
UL	Section	Township	Range	Lot	Ft. 1	rom N/S	Surf.		ocation Latitude	e	T	Longitude		County	
С	31	22 S	35 E			FNL	1497	•	32.35491		103	4103325	° W	LEA	
							Dottom	Unla	Toostion						
UL	Section	Township	Range	Lot	Ft. 1	rom N/S	Ft. from		Location Latitud	le	I	Longitude		County	
Е	6	23 S	35 E	5	256	8 FNL	334	FWL	32.33384	65° N	103	.4141384	° W	LEA	
Dedica	ted Acres				l i	nfill or Defi	ining Well	Defin	ing Well API	Overlann	ing Spa	cing Unit (Y/N	n) Cc	onsolidation Code	
SEC 3	1: 638.08	9.36 Ac.			- 1	Infill	ming wen		025-49328	Overlapp	No.	one (171		Alsonidation Code	
Order	Numbers.	C	A#143	319					Well setbacks are	under Cor	nmon 0	wnership:	Yes [	X No	
							Kick (	off Po	int (KOP)						
п. D	Section 31	Township 22 S	Range 35 E	Lot 1		rom N/S	Ft. from					Longitude	0 1A/	County LEA	
	31	122 3	33 E		42	FINE	313 1	W L	32.33330	700 IN	103	.4141043	VV	LEA	
UL	Section	Im	T	T 7.4	I 791	N /0			oint (FTP)		Т	Longitude			
D	31	Township 22 S	Range 35 E	1	Lot   Ft. from N/S   Ft. from E/N 1   534 FNL   319 FWL								° W	County	
									Point (LTP)						
UL	Section	Township	Range	Lot	100 000 000	rom N/S	Ft. from		Latitud			Longitude		County	
E	6	23 S	35 E	5	250	4 FNL	335	FWL	32.33402	24° N	103	.4141355	° W	LEA	
TY_:A:_			77-10												
Omtize		r Area of i ederal U		nterest		Spacing U	nit Type [	⅓ Horiz	ontal   Vertical	1		Ground F	3427		
I hereby my kno organiz- includir location interest entered  If this consent in each	y certify the muledge and ation either my the proper pursuant is or to a will be divided in the control of at least tract (in the will be locature.	belief, and, owns a wo osed bottom to a contrac oluntary poo ision. orizontal we one lessee the target po	mation cont if the wel rking interv hole location t with an o ling agreen tll I further or owner o pool or form usined a con	l is verti  st or un  n or has  nwner of  nent or a  r certify  f a work  stion) in	cal or di leased m a right a workir compuls that this ing inter which a	rue and comprectional well interest to drill this to drill this or ony pooling or organization est or unleast my part of the rder from the 9/23/20	t, that this t in the lan well at this unleased m rder heretofa has receive ed mineral i s well's com e division	d ineral ore	SURVEYOR CEF I hereby certify that actual surveys made correct to the best of	the well loc by me or u my belief.	ation should be a	Supervision, and UKONCE	that the	tted from field notes of e same is true and	
Print	ed Name	regnan	1 44010						Certificate Number	I	ate of St	urvey		1.10 011	
E-ma	m ail Address	twele@	outloo	k.con	1				14931	/	5/10,	/23	9.	11/2024	

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PLAT REVISED: 9/12/24

### Legend:

Surface Location (SHL)

O = Bottom Hole Location (BHL)

= Kick Off Point (KOP)

△ = First Take Point (FTP)
□ = Last Take Point (LTP)
□ = Found 1913 USGLO

= Found 1913 USGLO Brass Cap

Found 1918 USGLO
Brass Cap
Found 1" Iron Rod

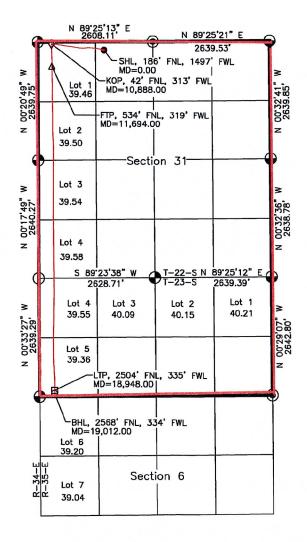
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494076.87 N X= 826354.45 E LAT.= 32.3549104 LONG.= 103.4103325 KICK OFF POINT NAD 83 NMSPC ZONE 3001 42' FNL, 313' FWL SEC. 31, T22S, R35E Y= 494208.73 N X= 825169.95 E LAT.= 32.3553008 N LONG.= 103.4141643 W FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
534' FNL, 319' FWL
SEC. 31, T22S, R35E
Y= 493717.22 N
X= 825178.39 E
LAT.= 32.3539497' N
LONG.= 103.4141506' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2504' FNL, 335' FWL SEC. 6, T23S, R35E Y= 486467.54 N X= 825245.27 E LAT.= 32.3340224 N LONG.= 103.4141355 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486403.55 N X= 825244.94 E LAT.= 32.3338465' N LONG.= 103.4141384' W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 3/22/23



<u>C</u> -	-102			En	ergy, Minerals		esources Departm	nent		Re	vised July 9, 2024
Sub	mit Elect	ronically			OIL CO	NSERVATIO	N DIVISION			□ Ini	tial Submittal
Via	OCD Pern	nitting				AS-DRILI	תים		Submittal		ended Report
						A9-DUIL	עמב		Туре:		
										[X] AS	Drilled
					w	ELL LOCATION	INFORMATION				
	umber			Pool (	Code		Pool Name				
	0-025-5	50930			2205		Ante	lope Ri	dge; Bone S	pring	, North
	rty Code			Prope	rty Name	COLDEN T	== 31 EED CON			Well N	umber
OGRID	31355			2		GULDEN II	EE 31 FED CON	1			602H
1.000.000.000.000.000	330396			Opera	tor Name	AVANT OP	ERATING, LLC			Groun	d Level Elevation 3454
		State [	Fee TT	ribal X	Federal	717411	Mineral Owner: Stat		Tribal X Federa	1	0404
							America Citada: Dodd	0 1100 1	J IIIDAI EN PORCIA	•	
					<b>4</b>	Surface I					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
С	31	22 S	35 E		185 FNL	1530 FWL	32.3549II7°	NIC	03.4102261	° W	LEA
						Bottom Hole	o Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		Country
E	6	23 S	35 E	5	2570 FNL	1241 FWL	32.3338445	∘ N I	03.4112011°	W	County LEA
			100 =		2070 1 112	12-41 1 112	02.0000440		00.4112011		LLA
Dedica	ted Acres				Infill or De	fining Well Defin	ning Well API Ove	erlapping S	Spacing Unit (Y/N	) Co	nsolidation Code
	1: 638.08 : N/2 31		TOTAL ACE	FS- 957	7.44 Infill	30	-025-49328	N	0		
	Numbers.		CA#14:		1111111	1 30	Well setbacks are unde			Von K	] No
			CA#14.	2019			wen seepacks are und	SI COMMINIO	i Ownersmp.	i es E	7 140
1 1						Kick Off Po	oint (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
С	31	22 S	35 E		49 FNL	1348 FWL	32.3552860	NI	03.4108141°	W	LEA
						First Take I	Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
D	31	22 S	35 E	1	529 FNL	1261 FWL	32.3539654	° N I I	3.4110997	° W	LEA
				1							
		T=				Last Take F					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude		County
E	6	23 S	35 E	5	2483 FNL	1241 FWL	32.3340835	N 10	03.4112029	, W	LEA
Unitize		Area of		terest	Spacing 1	Jnit Type 🔯 Horiz	contal		Ground F		vation:
		Federal	Unit							3427'	
I hereby my kno organiz includis location interest entered  If this consent in each interval	y certify the weedge and ation either ag the proper pursuant is or to a we by the dividual is a he of at least tract (in the well is a least tract (in the w	belief, and, owns a won osed bottom to a contract oluntary pool ision. orizontal wei one lessee the target po	nation conti if the well rking intere hole location t with an o ling agreem II, I further or owner of ool or forma sined a com	is vertice st or unit n or has wner of ent or a certify a worki stion) in	rein is true and comeal or directional we leased mineral interes a right to drill this a working interest o compulsory pooling that this organization ing interest or unleas which any part of the pooling order from the 9/23/20	plete to the best of il, that this st in the land well at this r unleased mineral order heretofore  n has received the sed mineral interest he well's completed he division	Signature and Seal of Pro	ell location to or under telief.  DROPERSON TOTAL	shown on this plat in the state of the state	that the	
rinte		1 ~					Certificate Number		f Survey	1/	112.24
E-me	il Address	wele@c	outlook	.com			19931	5/1	10/23	9//	1/2024

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 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.

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PLAT REVISED: 9/12/24

Legend:

= Surface Location

= Bottom Hole Location

= Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO

Brass Cap

= Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

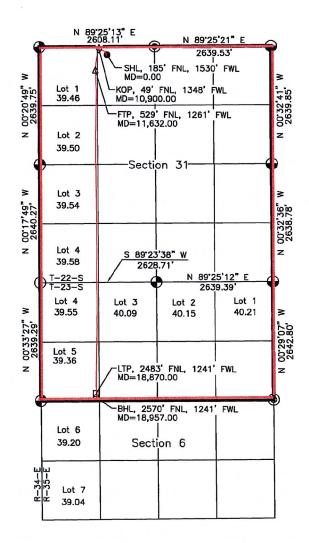
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 494077.62 N
X= 826387.29 E
LAT.= 32.3549117' N
LONG.= 103.4102261' W KICK OFF POINT NAD 83 NMSPC ZONE 3001 49' FNL, 1348' FWL SEC. 31, T22S, R35E Y= 494212.24 N X= 826204.53 E LAT.= 32.3552860 N LONG.= 103.4108141 FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 529' FNL, 1261' FWL SEC. 31, T22S, R35E Y= 493731.03 N X= 826120.48 E LAT.= 32.3539654\* N LONG.= 103.4110997\* LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2483' FNL, 1241' FWL SEC. 6, T23S, R35E Y= 486497.57 N X= 826150.90 E LAT.= 32.3340835 N LONG.= 103.4112029 N BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486410.62 N X= 826152.21 E LAT.= 32.3338445 N LONG.= 103.4112011 N

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 3/31/23



<u>C</u> -	-102			Т?		ate of 1						Rev	rised July 9, 2024
				EH	ergy, Minerals OIL COl			esources Depa N DIVISION	rtment				
Sub Via	mit Electi OCD Pern	onically nitting									Submittal		tial Submittal
						AS-D	KILL	ÆD			Туре:		ended Report
												[X] AS	Drilled
						LL LOCA	TION	INFORMATION					
	<b>umber</b> 30-025:	-50896		Pool C	2205			Pool Name	Antelope	Rido	ge; Bone S	nring	North
	<b>rty Code</b> 3313			Proper	rty Name	GOLDE	N TE	E 31 FED C		reiag	,c, Bone o		umber 603H
OGRID				Operat	tor Name							Groun	d Level Elevation
Surfe		O ☐ State [	Tee 🗆 T	ribal 🔯	Federal	AVANI		ERATING, L		'ee 🎞 T	ihal 🕅 Federa		3454
_ Duriu	JC 01121011		100 [] 1	III (A)	Todoria				btate _ r	66 🗀 11	Ibai M redera	•	
UL	Section	Township	Range	Lot	Ft. from N/S	Surfa Ft. from		ocation Latitude			Ton widow do		
C	31	22 S	35 E	Lot	185 FNL	1563		32.35491	***	103	Longitude 5.4101181°	w	County LEA
				L	100 1112					100	101101	••	
_ <del></del>					I			Location					
ՄՆ F	Section 6	Township 23 S	Range 35 E	Lot	Ft. from N/S 2577 FNL	Ft. from		32.33383		103	Longitude . 4081714°	NA/	County LEA
		23 3	00 L	l	Z377 FNL	21//	TVVL	32.33363	721 14	103	.4001/14	VV	LEA
Dedica	ted Acres		••••		Infill or Defi	ining Well	Defini	ing Well API	Overlappi	ing Space	ing Unit (Y/N	) Co	nsolidation Code
	1: 638.08 : N/2 319	Ac. 9.36 Ac.	TOTAL ACE	RES: 957	7.44 Infill		30	-025-49328		No			
Order	Numbers.	C	A#143	819			<u>'                                    </u>	Well setbacks are	under Con	nmon O	wnership:	res [	No
						Kick 0	ff Po	int (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitude	e	I	Longitude		County
С	31	22 S	35 E		47 FNL	2168	FWL	32.35529	40° N	103	4081579	° W	LEA
- V						First Ta	ake P	oint (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitude	e		Longitude		County
С	31	22 S	35 E		562 FNL	2168	FWL	32.35387	87° N	103	.4081619	W	LEA
						Last Ta	ake P	oint (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e		Longitude		County
F	6	23 S	35 E		2484 FNL	2176	FWL	32.33408	77° N	103	4081746	° W	LEA
Unitize		Area of		nterest	Spacing U	nit Type	Horiz	ontal 🗌 Vertical	ı		Ground F	loor Ele 3427'	evation:
		Federal	Omi								<u> </u>	3421	
I hereby my kno organiz includis location interest entered  If this consent in each	y certify the welding and ation either proper pursuant it, or to a very by the dividual is a he of at least tract (in the well is a he of at least tract (in the least	belief, and, owns a wor seed bottom to a contractiluntary pool sion.  orizontal we one lessee he target poated or obta	nation cont if the well thing intere hole locatio t with an o ling agreem  II, I further or owner o old or forma	l is vertion to rest or unit to or has to real or a to certify f a worki tion) in	rein is true and composal or directional well- leased mineral interest a right to drill this a working interest or compulsory pooling of that this organization ing interest or unlease which any part of the pooling order from the 9/23/2024	, that this t in the land well at this unleased mi rder heretofor has received ad mineral in e well's comp	est of l	uctual surveys made	the well lock by me or us my batter	VUA MEX VAL	supervision, and		ted from field notes of same is true and
Drine	Name	leghan	Twele					Cfor	61 9	/10	la		
Frint		ele@ou	tlook c	om				Certificate Number	,	ate of Su		0/1	1/2.24
E-me	il Address		HOUK.U	OIII				14931		5/10/	23	7//	11001
			will be need	ianed to	this completion until	all internet	n house	haan aannalidatad an			it has been soon		. At a distalan

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PLAT REVISED: 9/12/24

### Legend:

Surface Location

O = Bottom Hole Location ♦ = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1913 USGLO Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

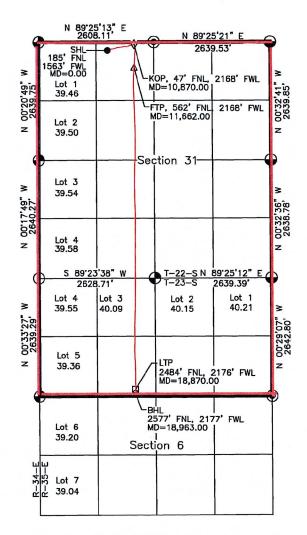
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD B3 NMSPC ZONE 3001 Y= 494078.20 N X= 826420.65 E LAT.= 32.3549125 N LONG.= 103.4101181 W KICK OFF POINT
NAD 83 NMSPC ZONE 3001
47' FNL, 216B' FWL
SEC. 31, T22S, R35E
Y= 494222.24 N
X= 827024.76 E
LAT.= 32.3552940' N
LONG.= 103.4081579' W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 562' FNL, 2168' FWL SEC. 31, T22S, R35E Y= 493707.30 N X= 827027.98 E LAT.= 32.3538787 N LONG.= 103.4081619 LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
2484' FNL, 2176' FWL
SEC. 6, T23S, R35E
Y= 486507.15 N
X= 827086.25 E
LAT.= 32.3340877' N
LONG.= 103.4081746' W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486414.17 N X= 827088.06 E LAT.= 32.3338321 N LONG.= 103.4081714 W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 4/08/23



Section   Township   Range   Lot   Tr. from N/3   R. from L/V   Location   Red   R	<u>C</u> -	-102			En		ate of New : & Natural R	Mexico esources Department			Rev	ised July 9, 2024
WELL LOCATION INFORMATION   Submitted   WELL LOCATION INFORMATION   WELL LOCATION INFORMATION   WELL LOCATION INFORMATION   Well bunded   Well and the submitted   Well a	Cub	mit Wash							- H		T 7-24	ial Gabanitial
WEIL LOCATION INFORMATION  APP Number 30-025-49390 Peol Code 2205 Peol Rame Anticlope Ridge; Bone Spring, North Property Code 333-355 Property Name Golden Research State Property Name 330396 Property Name 330396 AVANT OPERATING, LLC Ground Jevel Elevation 3475 Surface Owner: State Peol Pribal Pederal Williams Pederal Williams Pederal Surface Location  UL Section Township Range Lot P. trons N/8 P. trons N/8 P. trons N/8 Infill or Diffusing Vol Bell Property No. 103.4029797° W. LEA  Bedicated Acree SEC 31: 63.69 Ac. Torak Acres: 957.44 Infill or Diffusing Vol Bell Property No. 103.4055157° W. LEA  Pedicated Acree SEC 31: 63.69 Ac. Torak Acres: 957.44 Infill or Diffusing Vol Bell Property No. 103.4055157° W. LEA  Rich Section Township Range Lot P. trons N/8 P. tron							AC DDIII	תים		Submittal		
WELL LOCATION INFORMATION  API Number 30-025-49390 Peoclog 2205  Property Code 30-025-49390 Property Mane 31355  GOLDEN TEE 31 FED COM 604H  Anticlope Ridge; Bone Spring, North 604H  Sal Number 31355  GOLDEN TEE 31 FED COM 604H  Crount I cavil Right and 604H  Crount I cavil Righ						•	A2-DKILI	רפר		Туре:		
Pool Brane   Sol-025-49390	L						**************************************				Щ. нь .	Di Meu
Section   Township   Bonge   Lot   Pt. from N/S   Pt. from E/V   Latitude   Location   Township   Bonge   Lot   Pt. from N/S   Pt. from E/V   Latitude   Location   Township   Bonge   Lot   Pt. from N/S   Pt. from E/V   Latitude   Location	A 777 . 37						LL LOCATION					
Property Name   Sate   Property Name   GOLDEN TEE 31 FED COM   Tell Name   T			49390		Pool				lae: Boi	ne Spring	Nor	th
Operator Name   Operator Nam					Prope	rty Name			150, 1001	ie spring		
Surface			55				GOLDEN TI	EE 31 FED COM				
Surface Owner:   State   Foe   Tribal   Foe   Tribal   Foederal			5		Opera		AVANT OF	FRATING LLC			Ground	and the second s
Definition   Section   Township   Range   Lot   Ft. from   N/S   Ft. from   E/W   32.3537885 N   103.4029797° W   LEA				Fee T	ribal 🗓				Fee 🗌 Tril	oal 🛛 Federa	1	0470
Bottom Hole Location    Bottom Hole Location   Bottom Hole Location   Bottom Hole Location   Bottom Hole Location   Longitude   County   LEA							Surface 1	Location				
Bottom Hole Location					Lot					•		
U. Section Township Range Lot Pt. from N/S Pt. from E/W Scalable Acres Scale Scale N/2 319.36 Ac. TOTAL ACRES: 997.44 Infill or Defining Well Defining Well API 30-025-49328 No	В	31	22 S	35 E		550 FNL	1481 FEL	32.3539185° N	103.4	029797	° W	LEA
Dedicated Acres SEC 315 S 35 E							Bottom Hol	e Location				
Dedicated Acres SEC 31: 33.08 Ac. SEC 31: 33.08 Ac. SEC 31: 33.09 Ac. SEC 31: 33.09 Ac. SEC 31: 33.09 Ac. CA#   4381 9    Well setbacks are under common Ownership:   Tes   No   No   Well setbacks are under common Ownership:   Tes   No   No   No   Well setbacks are under common Ownership:   Tes   No   No   No   No   No   No   No   No	UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W		T	Longitude	T	County
SEC 51: 33.98 Ac. SEC 6: N/2 319.56 Ac. TOTAL ACRES: 957.44 Infill 30-025-49328 No    Order Numbers.   CA#143819   Well setbacks are under Common Ownership:   Yes   No    Kick Off Point (KOP)	G	6	23 S	35 E		2596 FNL	2175 FEL	32.3337827° N	103.4	+052157	°W	LEA
SEC 51: 33.98 Ac. SEC 6: N/2 319.56 Ac. TOTAL ACRES: 957.44 Infill 30-025-49328 No    Order Numbers.   CA#143819   Well setbacks are under Common Ownership:   Yes   No    Kick Off Point (KOP)	Dedica	ted Acres				Infill or Defi	ning Well   Defiv	ning Well ADI Querlen	ning Specie	ng limit (V/N	) Cor	esolidation Codo
Well setbacks are under Common Ownership:	SEC 3	1: 638.08		TOTAL 400		T C'11				ng omt (17N	001	isonuation code
Kick Off Point (KOP)   UL						7.44					V 57	l N.
Section   Township   Range   Lot   Ft. from N/S   85 FNL   2123 FEL   32.3551952° N   103.4050580° W   LEA	order	number s.	CA	π1 <b>7</b> 301				wen setbacks are under co	ominon Owi	ieramp: []	res E	J NO
First Take Point (FTP)  UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude County B 31 22 S 35 E Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 23 S 35 E Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 23 S 35 E Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 23 S 35 E Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 Lot Ft. from N/S Ft. from E/W Lot ft. from N/S Lot Ft. from E/W Lot ft. from N/S Lot Ft. from E/W Lot ft. from Interest Federal Unit Type St. from N/S Ft. from E/W Lot ft. from Interest Ft. from E/W Lot ft. from Interest Interest interest interest from Interest Interest ft. from Interest i			T=		г							
First Take Point (FTP)  UL Section Township Range Lot Pt. from N/S Ft. from E/W Latitude Longitude County  Last Take Point (LTP)  UL Section Township Range Lot Pt. from N/S Ft. from E/W Latitude Longitude County  G 6 23 S 35 E Lot Pt. from N/S Ft. from E/W Latitude Longitude County  G 6 23 S 35 E Lot Pt. from N/S Ft. from E/W Latitude Longitude County  Least Take Point (LTP)  UL Section Township Range Lot Pt. from N/S Ft. from E/W Latitude Longitude County  G 6 23 S 35 E Lot Pt. from N/S Ft. from E/W Latitude Longitude County  Least Take Point (LTP)  Unitized Area or Area of Uniform Interest Federal Unit Spacing Unit Type New Horizontal Vertical County  Federal Unit Spacing Unit Type New Horizontal Vertical Vertical Towns a working interest or unleased mineral theoret in the land including the proposed bottom hale location or has a right to drill this useful at this content use a county to a confract with an owner of a unwhise infarents or unleased mineral interest or to a voluntary pooling agreement or a compulsory pooling order herefulore current by the division.  If this useful is a horizontal wall, I further certify that this organization disconsist or formation) in which any part of the useful completed interval will be located or obtained a compulsory pooling order herefulore  Meghan Twele  Printed Name  First Take Point (LTP)  Latitude Locatique County  Least Take Point (LTP)  Latitude Locatique County  Least Take Point (LTP)  Latitude Locatique County  Latitude Locatique Co	1000000		•	_	Lot				107 (			-
Section   Township   Range   Lot   Ft. from N/S   563 FNL   2196 FEL   32.3558794° N   103.4052940° W   LEA	В	JI	LL 3	33 L	L	03 FNL	ZIZS FEL	32.3551952 N	103.4	1050560	. 44	LEA
Last Take Point (LTP)  Ul. Section Township Range G							First Take I	Point (FTP)				
Last Take Point (LTP)  UL Section Township Range Lot Ft. from N/S Ft. from E/W Latitude Longitude County G 6 23 S 35 E 2483 FNL 2176 FEL 32.334.0930° N 103.4052182° W LEA  Unitized Area or Area of Uniform Interest Federal Unit Spacing Unit Type Shorizontal Vertical Ground Floor Elevation: 3448′  OPERATOR CERTIFICATIONS I havely certify that the information contained herein is true and complete to the best of may houseledge and bettef, and if the usel is vertical or directional wall, that this organization either cause a working interest or unleased mineral interest in the land including the proposed beltom hole location on has a right to drill this usel at this location pursuant to a contract with an owner of a working interest or unleased mineral interest or to a woluntury pooling agreement or a compulsory pooling order herebyres entered by the division.  If this well is a horizontal wall, I perther cartify that this organization has received the consent of at least one lesses or owner of a working interest or unleased mineral interest in seach trust division.  If this well is a horizontal wall, I perther cartify that this organization has received the consent of at least one lesses or owner of a working interest or unleased mineral interest in seach trust division.  If this well is a horizontal wall, I perther cartify that this organization has received the consent of at least one lesses or owner of a working interest or unleased mineral interest in seach trust division.  9/23/2024  Signature  Meghan Twele  Printed Name  Certificate Number  Date of Survey  Bate of Survey  Bate of Survey  The first wall is a survey  Bate of Survey  Bate of Survey	100	200,200,000,000		_	Lot					_		
Unitized Area or Area of Uniform Interest Federal Unit  OPERATOR CERTIFICATIONS I havely certify that the information contained herein is true and complete to the best of any knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased minoral interest in interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  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 minoral 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.  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.  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.  Signature  Meghan Twele  Printed Name  Oretificate Number  Date of Survey  Date of Survey  Date of Survey  That of Survey  Date of Survey  Dat	В	ગ	22 5	35 E		563 FNL	2196 FEL	32.3538794° N	1 103.4	052940	)° W	LEA
Unitized Area or Area of Uniform Interest Federal Unit  Spacing Unit Type Shorizontal Vertical  OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my insubledge and belief, and, if the well is vertical or directional well, that this organization of the 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 provided by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lesses or owner of a working inferest or unleased mineral interest in each tract (in the larget poel or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order heretofore mittered by the division.  9/23/2024  Signature  Meghan Twele  Printed Name  The traction of the content of the c							Last Take F	Point (LTP)				
Unitized Area or Area of Uniform Interest Federal Unit  OPERATOR CERTIFICATIONS 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 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 in the least of my belief.  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 or a voluntary poeting agreement or a compulsory pooling order heretofore entered by the division.  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 the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order heretofore of the well at this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in the land to a voluntary poeting agreement or a compulsory pooling order heretofore online and the total and the same test frue and correct to the best of my belief.  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 the land to a voluntary poeting order heretofore on the division.  If this well is a horizontal well, I further certify that the well at the well a completed interest of a working interest or unleased mineral interest or unleased mineral interest or the best of my belief.  If this well is a horizontal well, I further certify the well at the well and the well and the well and t		_	-	-	Lot					-		County
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and bettef, and, if the well is 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 continuity the proposed bottom hole location or has a right to drill this well at this continuity the proposed bottom hole location or no a right to the drill this well at this interest, or to a working interest or unleased mineral interest, or to a working interest or unleased mineral interest in each truct (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.  9/23/2024  Signature  Meghan Twele  Printed Name  Twele  Surveyor CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes and contract with an owns or this plat was plotted from this actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  VUKO  I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  VUKO  I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  VUKO  I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  VUKO  I hereby certify that the well location shown on this plat the well location purposed by me or under my supervision, and that the well location show or	G	6	23 S	35 E		2483 FNL	2176 FEL	32.3340930° N	1 103.4	+052182	° W	LEA
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and bettef, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the lend including the proposed bottom hole 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.  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.  Signature  Meghan Twele  Printed Name  Certificate Mimber  Date of Survey  Thereby certify that the well location shown on this plat was plotted from field notes and convent 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  Signature and Seal of Professional Survey  Thereby certify that the well location shown on this plat was plotted from field notes and careful value to well the well to still this well at this actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  VUKO  A VUKO  A VUKO  A VUKO  A WEYOR  Signature and Seal of Professional Survey  Thereby certify that the well location shown on this plat was plotted from field notes and careful value that this survey actual survey and careful value to well a very survey from the division.  Certificate Mimber  Date of Survey  Thereby certify that the well location of the well is a true and careful value to well a very survey.  Thereby certify that the well location of t												
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my beneated, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased minoral interest in the land including the proposed bottom hole location or has a right to drill this well at this location proposed bottom hole location or has a right to drill this well at this location 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 in each tract (in the target peal or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.  9/23/2024  Signature  Meghan Twele  Printed Name  Thereby certify that the viewll to the best of my belief.  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat notes actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat the set of the course of my belief.  SURVEYOR CERTIFICATIONS  I hereby certify that the well location show outer of a working interest or unleased mineral interest in	Unitize				terest	Spacing Un	nit Type 🛚 Horiz	contal				vation:
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 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.  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.  9/23/2024  Signature  Meghan Twele  Printed Name  Certificate Number  Date of Survey  Date of Survey  The division of the well is vertical or directional well, that this population interest in the land to the land to the less of my belief.  VUKON  NETUCE  A		rede	rai Onii							] 3	9440	
Printed Name  Certificate Number  Date of Survey  M/18/23/18/23/19/24/19	I hereby my kno organizincludin location interest, entered If this consent in each interval	y certify the wledge and ation either or get the proper or to a we by the dividual is a he of at least tract (in the will be located.	at the information belief, and, owns a wood bottom to a contractionation.  The contraction of the contraction were contracted to the contraction one lessee the target points.	nation cont- if the well rking intere hole location with an o ling agreem  IL I further or owner of ol or forma	is verticest or units or has where of ent or a certify a workition) in	cal or directional well, leased mineral interest a right to drill this t a working interest or compulsory pooling or that this organization ing interest or unlease which any part of the pooling order from the	tete to the best of that this in the land well at this unleased mineral der heretofore has received the d mineral interest well's completed division	I hereby certify that the well lo actual surveys made by me or a correct to the best of my belief.	A VU MEX	pervision, and	•	
Printed Name  Certificate Number  Date of Survey  Mtwele@outlook.com  8/16/23  7/18/29/1	J		N	Meghan	Twe	le		6/11	1/ach	W		
	Printe	ed Name		<u></u>				Certificate Number	Date of Surv	ey		// //
E-mail Address			mtv	vele@c	utloo	k.com		114831	8/16/2	23	9	118/2024
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.	E-ma							, , - ,			//	1001

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 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.

PLAT REVISED: 9/16/24

### Legend:

= Surface Location •

O = Bottom Hole Location

♦ = Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Last Take Point (LTI
= Found 1913 USGLO
Brass Cap
= Found 1918 USGLO
Brass Cap
= Found 1" Iron Rod

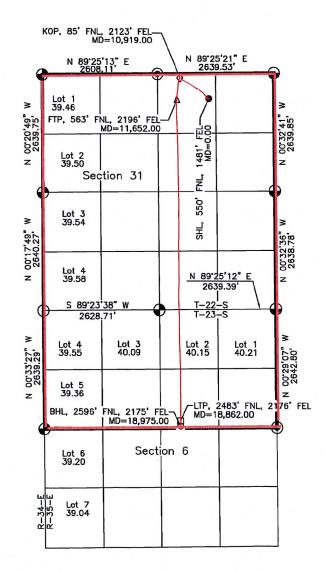
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 493735.67 N X= 828628.16 E LAT.= 32.3539185 N LONG.= 103.4029797 KICK OFF POINT NAD 83 NMSPC ZONE 3001 85' FNL, 2123' FEL SEC. 31, T22S, R35E Y= 494194.56 N X= 827982.33 E LAT.= 32.3551952 N LONG.= 103.4050580 FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
563' FNL, 2196' FEL
SEC. 31, T22S, R35E Y= 493715.23 N X= 827913.59 E LAT.= 32.3538794 N LONG.= 103.4052940 W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2483' FNL, 2176' FEL SEC. 6, T23S, R35E Y= 486517.00 N X= 82799.40 E LAT.= 32.3340930 N LONG.= 103.4052182 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486404.09 N X= 828001.15 E LAT.= 32.3337827 N LONG.= 103.4052157

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 2/20/23



<u>C</u> -	-102			En	St ergy, Minerals	ate of 1			artment			Re	vised July 9, 2024
Suhi	nit Electi	onically			OIL COI	NSERVA	ATION	N DIVISION		-		T Ini	tial Submittal
	OCD Perm					AC D	ртт т	ED			Submittal		
						AS-D	KILL	ı₽D			Туре:		nended Report
												[X] AS	Drilled
					WE	LL LOCA	MOITA	INFORMATION					
	umber	201		Pool (			#s. 17	Pool Name	D: 1	Ъ	С .	<b>N</b> T (1	
	·025-49 rty Code	391			2205			Antelop	e Ridge	e; Bone	e Spring,		
	331355					GOLDE	N TE	E 31 FED (	СОМ				Number 605H
OGRID	No. 30396		200	Operat	tor Name	AVANT	Г ОРІ	ERATING, L	_LC			Groun	d Level Elevation 3475
		☐ State ☐	Fee T	ribal 🛚	Federal			Mineral Owner:		ee 🔲 Tri	bal 🏻 Federa	<u>.                                    </u>	
UL	Section	Township	Range	Lot	Ft. from N/S			ocation Latitud		T	7 3		1
В	31	22 S	35 E	Lot	550 FNL	Ft. from		32.35391		103 /	Longitude +028720	10 IA	County LEA
	31	LL 3	33 L		330 T NL	1440		32.33391	/9 IN	103.2	+020720	, VV	LEA
						Bottom	Hole	Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	n E/W	Latitud	е		Longitude		County
Н	6	23 S	35 E		2592 FNL	1270	FEL	32.33379	60° N	103.4	+022870	° W	LEA
D-3'					I tem ne							·\   a	
	ted Acres 1: 638.08				Infill or Defi	ining well		ing Well API	Overlappi	• •	ng Unit (Y/N	)   0	onsolidation Code
	: N/2 319		TOTAL ACR					-025-49328		No			
Order	Numbers.		CA#14	3819				Well setbacks are	under Con	nmon Ow	nership:	Yes [	∑ No
						Kick C	ff Po	int (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from	n E/W	Latitud	e		Longitude		County
Α	31	22 S	35 E		48 FNL	1310	FEL	32.35529	97° N	103.4	+024260	)° W	LEA
						First Ta	ake P	oint (FTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		Latitud	e	Γ	Longitude		County
Α	31	22 S	35 E		327 FNL	1303	FEL	32.35453	07° N	103.4	4024027	o W	LEA
						Task Ma	.l D	-:t /rmp)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from		oint (LTP)		T	Longitude		County
Н	6	23 S	35 E		2502 FNL	1269		32.33404		103.4	4022817	° W	LEA
						1.201		102.00.00					
Unitize	d Area or	Area of U	Iniform Ir	terest	S 11	_:. T F	V 17				Ground F	loor El	evetion:
		Federa		1001000	Spacing of	nit Type [	A Horizo	ontal 🗌 Vertical				448'	evacion.
			-										
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interest entered If this consent	or to a vo by the divi well is a hi of at least	oluntary pool ision. orizontal wel one lessee (	ing agreem l, I further or owner of	ent or a certify a worki	compulsory pooling or that this organization ing interest or unlease which any part of the	rder heretofo has received ed mineral is	re I the uterest		HOP PROF	MEX 14831	CH ROY		
					pooling order from the				TESS	ONAL	14,1		
Signa	ture							Signature and Seal	of Profession	nal Survey	or Id		
		Meg	han Tw	vele				6	en A	Vie	161		
Printe	ed Name							Certificate Number	Di	ate of Sur	vey		1 /
70		ntwele(	<i>a</i> )outlo	ok.co	m			14931		8/16/2	23	9	1/9/2024
E-me	il Address		vill be good	aned to	this completion until	all interest	te have l	han consolidated on		adand amid	han ham ann	, , , , , , , , , , , , , , , , , , ,	, , ,

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 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.

PLAT REVISED: 9/16/24

Legend:

= Surface Location

O = Bottom Hole Location ♦ = Kick Off Point (KOP)

Δ = First Take Point (FTP)

□ = Last Take Point (LTP)

= Last Take Point (LT = Found 1913 USGLO

Brass Cap

Found 1918 USGLO
Brass Cap

Found 1" Iron Rod

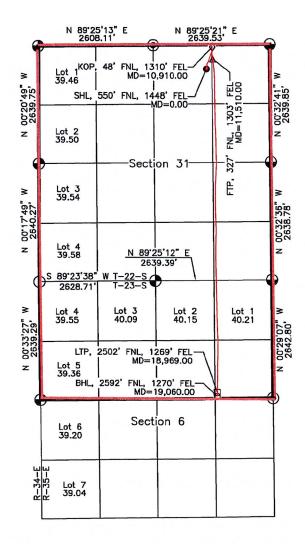
O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

NOTE: BEARINGS AND DISTANCES NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

SURFACE LOCATION 83 NMSPC ZONE 3001 Y= 493735.74 N X= 828661.43 E LAT.= 32.3539179 N LONG.= 103.4028720 W KICK OFF POINT NAD 83 NMSPC ZONE 3001 48' FNL, 1310' FEL SEC. 31, T22S, R35E Y= 494239.65 N X= 828794.77 E LAT.= 32.3552997 N LONG.= 103.4024260 W FIRST TAKE POINT NAD 83 NMSPC ZONE 3001 327' FNL, 1303' FEL SEC. 31, T22S, R35E Y= 493959.95 N X= 828804.42 E LAT.= 32.3545307' N LONG.= 103.4024027' W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2502' FNL, 1269' FEL SEC. 6, T23S, R35E Y= 486507.58 N X= 828906.57 E LAT.= 32.3340455 N LONG.= 103.4022817 W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486416.80 N X= 828905.72 E LAT.= 32.3337960 N LONG.= 103.4022870 W

NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 3/03/23



En	ergy, Minerals	& Natural Re	esources Department		Revised July 9, 2024
	OIL COI	NSERVATION	N DIVISION		☐ Initial Submittal
		AS-DRILL	.ED	Submittal	Amended Report
		AS DIVIDE	ענענ	Туре:	
	WITE	II. I OG I TITON	TVDODY/I MION		12
Pool (		LL LOCATION	Pool Name		
	2205		ANTELOPE RI	DGE; BONE S	PRING, NORTH
Proper		GOLDEN TE	EE 31 FED COM		Well Number 606H
Operat	tor Name	AVANT OP	ERATING, LLC		Ground Level Elevation 3505
Tribal 🛚	Federal			ee 🗌 Tribal 🛚 Federa	al
		Surface L	ocation		
	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	733 FNL	430 FEL	32.3534181° N	103.3995745	5° W LEA
		Bottom Hole	e Location		
ge Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	2597 FNL	336 FEL	32.3337875° N	103.3992609	9° W LEA
	Infill or Defi	ning Well Defin	ing Well API Overlappi	ing Spacing Unit (Y/N	Consolidation Code
ACRES: 95	7.44 Infill	3	0-025-49328	No	
13819		25	Well setbacks are under Con	nmon Ownership:	Yes 🛛 No
		Kick Off Po	oint (KOP)		
ge Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	85 FNL	233 FEL	32.3552017° N	103.3989400	D° W LEA
		First Take P	oint (FTP)		
	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	466 FNL	322 FEL	32.3541536° N	103.3992252	2° W  LEA
	W 4 W 6				<b>,</b>
					County  County  LEA
	LOGO I IVE	004122	02:0040070 N	100.0992049	W LLA
a Interest	Spacing U	nit Type 🛛 Horiz	ontal  Vertical	Ground F	loor Elevation:
	7			3478	3'
- 4	Pool ( Prope: Operation Tribal \( \text{S} \)	Energy, Minerals OIL COI  WE  Pool Code 2205  Property Name Operator Name  Operator Name  Initial Energy Name Operator Name  Age Lot Ft. from N/S E 2597 FNL  Infill or Defi ACRES: 957.44 Infill A3819  Inge Lot Ft. from N/S E 85 FNL  Inge Lot Ft. from N/S E 466 FNL	Energy, Minerals & Natural R. OIL CONSERVATION  AS—DRILI  WELL LOCATION  Pool Code  2205  Property Name  GOLDEN TE  Operator Name  Surface L  Surface L  Bottom Hole  Ft. from N/S  Ft. from E/W  ACRES: 957.44  Infill or Defining Well  ACRES: 957.44  Infill or Defining Well  ACRES: 957.44  Infill or Defining Well  ACRES: 957.44  Ft. from E/W  ACRES: 957.44  Infill or Defining Well  ACRES: 957.44  ACRES: 957.44  Infill or Defining Well  ACRES: 957.44  Infill or Defining Well  ACRES: 957.44  ACR	Property Name	Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION   AS—DRILLED   Submittal Type:

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 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.

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Plat Revised: 9/17/24

Legend:

= Surface Location

= Bottom Hole Location

= Kick Off Point (KOP)

 $\Delta$  = First Take Point (FTP)  $\Box$  = Last Take Point (LTP)

= Found 1918 USGLO Brass Cap

= Found 1" Iron Rod

O = Found 1/2" Rebar with Cap

= Found Cut Tee Post

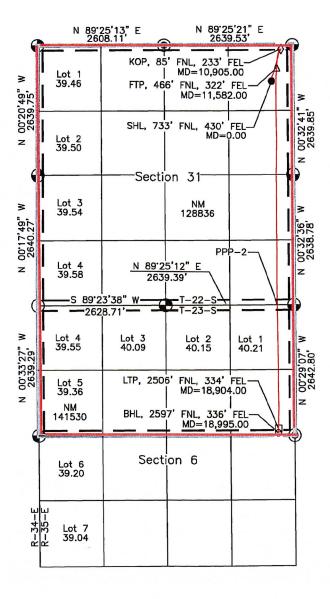
NOTE: DOWNHOLE INFORMATION TAKEN FROM A REPORT FURNISHED BY AVANT OPERATING, LLC DATED 02-01-2023

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED

X= 829681.32 E LAT.= 32.3534181° N LONG.= 103.3995745° W KICK OFF POINT NAD 83 NMSPC ZONE 3001 85' FNL, 233' FEL SEC. 31, T22S, R35E Y= 494213.37 N X= 829871.59 E LAT.= 32.3552017 N LONG.= 103.3989400 N FIRST TAKE POINT/PPP-1
NAD 83 NMSPC ZONE 3001
466' FNL, 322' FEL
SEC. 31, T22S, R35E
Y= 493831.28 N
X= 829786.83 E
LAT.= 32.3541536' N LONG.= 103.3992252° W PPP-2 NAD 83 NMSPC ZONE 3001 0' FNL, 341' FEL SEC. 6, T23S, R35E Y= 489018.64 N X= 829812.88 E LAT.= 32.3409254\* N LONG.= 103.3992768\* W LAST TAKE POINT NAD 83 NMSPC ZONE 3001 2506' FNL, 334' FEL SEC. 6, T23S, R35E Y= 486512.81 N X= 829841.51 E LAT.= 32.3340375° N LONG.= 103.3992549° W BOTTOM HOLE LOCATION NAD 83 NMSPC ZONE 3001 Y= 486421.82 N X= 829840.44 E LAT.= 32.3337875\* N LONG.= 103.3992609\* W

SURFACE LOCATION NAD 83 NMSPC ZONE 3001

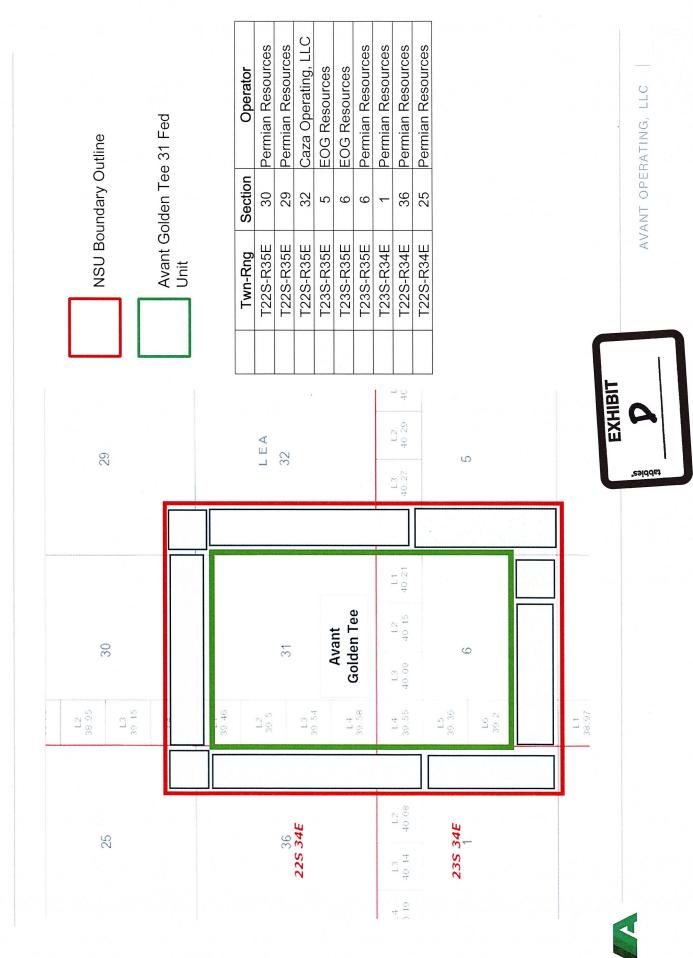
Y= 493562.79 N



## Non-Standard Unit Notice Golden Tee 31 Fed

Avant Operating, LLC







November 14, 2024

Deana M. Bennett 505.848.1834 dmb@modrall.com

### **VIA CERTIFIED MAIL**

### TO AFFECTED PARTIES

RE: Application of Avant Operating, LLC for administrative approval of a 957.44 acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Dear Sir or Madam:

Enclosed is a copy of the above referenced application filed with the New Mexico Conservation Division on this date. Any objections that you have to this application must be filed in writing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within twenty (20) days from the date the Division receives the above referenced application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Shane Kelly Reservoir Engineer Avant Operating, LLC shane@avantnr.com 817-915-9336.

Sincerely,

/s/ Deana M. Bennett
Deana M. Bennett
Attorneys for Avant Operating, LLC

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com

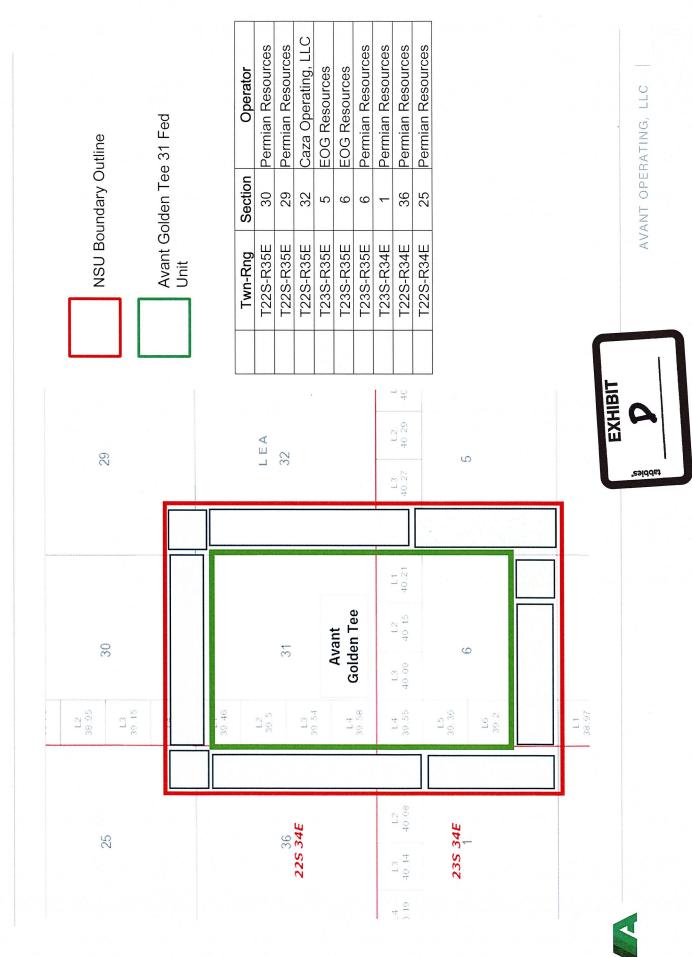
Page 85 of 98
Page Roalz Certified Pro.ne. 18

Line   USPS Article Number   Name, Street, City, State, Zip   Postage   Service Fee   RR Fee   Rest.Dol.Fee   Contents Contents And Contents	rrlene Schi odrall Spei 0 Fourth S buquerque	posepole Parlene Schuman Modrall Sperling Roehl Harris & Sisk P.A. O 500 Fourth Street, Suite 1000 MAlbuquerque NM 87102	Typ	PS Form 3877 Type of Mailing: CERTIFIED MAIL 11/14/2024	D MAIL			Firm Maili	Firm Mailing Book ID: 276644
9314 8699 0430 0128 4097 10 Permian Resources Attention: Land Department 300 N. Marienfeld St., Ste. 1000 Midland TX 79701 9314 8699 0430 0128 4097 27 Caza Operating, LLC Attention: Land Department 200 N. Loraine Street Midland TX 79701 9314 8699 0430 0128 4097 34 EOG Resources, Inc. Midland TX 79706 9314 8699 0430 0128 4097 41 Uniform Land Department 300 Dinosaur Trail 301 Dinosaur Trail 302 State of New Mexico	Line	USPS Article Number	Name, Street, City, State, Zip	Post	lage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
9314 8699 0430 0128 4097 27 Caza Operating, LLC Attention: Land Department Song Via Management Attention: Land Department Song Or Management Attention: Land Management Song Or Management Song Or Management Song Dib nosaur Trail Santa Fe NM 87501 Santa Fe NM 87501 Totals: \$14.35  \$2.87 \$4.85 \$2.62 \$0.00 \$2.80 \$2.87 \$4.85 \$2.62 \$0.00 \$2.80 \$2.80 \$2.87 \$2.87 \$4.85 \$2.62 \$0.00 \$2.80 \$2	-	9314 8699 0430 0128 4097 10	Permian Resources Attention: Land Department 300 N. Marienfeld St., Ste. 1000 Midland TX 79701	\$2	87	\$4.85	\$2.62	\$0.00	10375.0013. Notice
9314 8699 0430 0128 4097 34 EOG Resources, Inc. Attention: Land Department 5509 Champions Dr. Midland TX 79706 9314 8699 0430 0128 4097 41 United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508 9314 8699 0430 0128 4097 58 State of New Mexico State Land Offfice 310 Old Santa Fe Trail Santa Fe NM 87501  Totals: \$14.35	2	9314 8699 0430 0128 4097 27	Caza Operating, LLC Attention: Land Department 200 N. Loraine Street Midland TX 79701	<b>\$</b> 2	87	\$4.85	\$2.62	\$0.00	10375.0013. Notice
9314 8699 0430 0128 4097 41 United States of America  Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508 9314 8699 0430 0128 4097 58 State of New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501  Totals: \$14.35 \$2.87 \$4.85 \$2.62 \$0.00  Totals: \$14.35 \$24.25 \$13.10 \$80.00	e.	9314 8699 0430 0128 4097 34	EOG Resources, Inc. Attention: Land Department 5509 Champions Dr. Midland TX 79706	\$2	87	\$4.85	\$2.62	80.00	10375.0013. Notice
9314 8699 0430 0128 4097 58 State of New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501 Totals: \$14.35   \$24.25   \$13.10   \$6.00	4	9314 8699 0430 0128 4097 41	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$2	87	\$4.85	\$2.62	\$0.00	10375.0013. Notice
\$14.35 \$24.25 \$13.10 Grand Total:	ς.	9314 8699 0430 0128 4097 58	State of New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$2	87	\$4.85	\$2.62	\$0.00	10375.0013. Notice
				i		\$24.25 Grand	\$13.10 Total:	\$0.00	

### Non-Standard Unit Notice Golden Tee 31 Fed

Avant Operating, LLC







November 14, 2024

Deana M. Bennett 505.848.1834 dmb@modrall.com

### VIA CERTIFIED MAIL

### TO AFFECTED PARTIES

RE: Application of Avant Operating, LLC for administrative approval of a 957.44 acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Dear Sir or Madam:

Enclosed is a copy of the above referenced application filed with the New Mexico Conservation Division on this date. Any objections that you have to this application must be filed in writing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within twenty (20) days from the date the Division receives the above referenced application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Shane Kelly Reservoir Engineer Avant Operating, LLC shane@avantnr.com 817-915-9336.

Sincerely,

/s/ Deana M. Bennett
Deana M. Bennett
Attorneys for Avant Operating, LLC

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com

Page 88 of 98
Page Walz CertifiedPro.ne.10

Firm Mailing Book ID: 276644	Reference Contents	10375.0013. Notice	10375.0013. Notice	10375.0013. Notice	10375.0013. Notice	10375.0013. Notice	
Firm Mailin	Rest.Del.Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	RR Fee	\$2.62	\$2.62	\$2.62	\$2.62	\$2.62	5 \$13.10 Grand Total:
	Service Fee	\$4.85	\$4.85	\$4.85	\$4.85	\$4.85	\$24.25 Grand
n 3877 ERTIFIED MAIL 2024	Postage	\$2.87	\$2.87	\$2.87	\$2.87	\$2.87	s: \$14.35
PS Form 3877 Type of Mailing: CERTIFIED MAIL 11/14/2024	Name, Street, City, State, Zip	Permian Resources Attention: Land Department 300 N. Marienfeld St., Ste. 1000 Midland TX 79701	Caza Operating, LLC Attention: Land Department 200 N. Loraine Street Midland TX 79701	EOG Resources, Inc. Attention: Land Department 5509 Champions Dr. Midland TX 79706	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	State of New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	Totals:
Nesses Representation of the Schuman Schuman Schuman Sperling Roehl Harris & Sisk P.A. O 500 Fourth Street, Suite 1000 MAlbuquerque NM 87102	USPS Article Number	9314 8699 0430 0128 4097 10	9314 8699 0430 0128 4097 27	9314 8699 0430 0128 4097 34	9314 8699 0430 0128 4097 41	9314 8699 0430 0128 4097 58	
Base Rarlene Schuman Passell Sperling Roehl O 500 Fourth Street, Suite Malbuquerque NM 87102	g: 1/1	 5/2025 4:	64 56:57 PM	3 M	4	S	

Dated:

Postmaster: Name of receiving employee

Total Number of Pieces Received at Post Office



November 14, 2024

### VIA E-FILING

Acting Director Razatos and OCD Engineering Bureau Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Avant Operating, LLC for administrative approval of a 957.44 acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico.

Dear Acting Director Razatos/OCD Engineering Bureau:

Avant Operating, LLC ("Avant"), OGRID Number 330396, respectfully requests administrative approval of a 957.44-acre, more or less, non-standard unit ("NSU") in the Bone Spring formation comprised of Section 31, Township 22 South, Range 35 East and the N/2 of Section 6, Township 23 South, Range 35 East, Lea County, New Mexico. The NSU would be dedicated to the following wells (the "Wells"):

- Golden Tee Fed Com 301H (API 30-025-49324)
- Golden Tee Fed Com 302H (API 30-025-49325)
- Golden Tee Fed Com 304H (API 30-025-49327)
- Golden Tee Fed Com 305H (API 30-025-49328)
- Golden Tee Fed Com 306H (API 30-025-49329)
- Golden Tee Fed Com 501H (API 30-025-49365)
- Golden Tee Fed Com 502H (API 30-025-49330)
- Golden Tee Fed Com 504H (API 30-025-49406)
- Golden Tee Fed Com 505H (API 30-025-49331)
- Golden Tee Fed Com 506H (API 30-025-49332)
- Golden Tee Fed Com 601H (API 30-025-50929)
- Golden Tee Fed Com 602H (API 30-025-50930)
- Golden Tee Fed Com 603H (API 30-025-50896)
- Golden Tee Fed Com 604H (API 30-025-49390)
- Golden Tee Fed Com 605H (API 30-025-49391)
- Golden Tee Fed Com 606H (API 30-025-49392)





The Wells will be completed within the Antelope Ridge; Bone Spring, North (Pool Code: 2205). This pool is an oil pool and it follows the statewide spacing rules.

In this NSU application, Avant seeks approval of a single 954.77-acre unit. Without the NSU approval, Avant would have three separate units, using proximity tract wells. Avant has determined that a single 954.77-acre unit is preferable to two 240-acre units and one 480-acre unit for the following reasons. Approval will allow Avant to reduce surface disturbance by consolidating roads, tank batteries, and pipelines. In addition, approval of Avant's application promotes effective well spacing and will allow Avant to commingle production.

Conversely, if Avant's NSU application is not approved, Avant will need to construct additional flowlines and one additional central tank batteries. I have included as Exhibit C-1 a comparison of the facilities needed for a non-standard unit and the additional required infrastructure needed if Avant has to develop the Wells using standard spacing.

Exhibit C-2 compares and contrasts, in table format, the reduced surface acreage and the cost savings that will occur if the NSU is approved. Developing the acreage as a single, non-standard unit will result in four acres less surface disturbance than if Avant has to develop the acreage using standard units. If Avant's NSU application is approved, that would eliminate the need to build one additional central tank batteries, which reduces permitted fugitive VOC emissions, spill risk, and flares. In addition, total capital costs would be significantly reduced.

In my opinion, approval of the NSU is in the best interest of conservation, prevention of waste, and protection of correlative rights.

Thank you for your consideration. Should you have any questions please contact me at shane@avantnr.com or 817-915-9336.

Sincerely

Shane Kelly

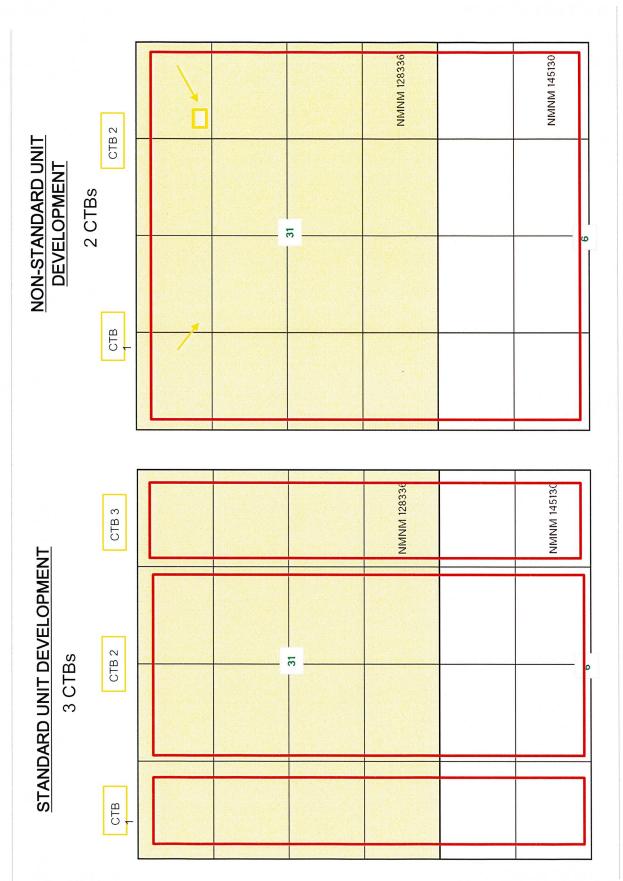
Reservoir Engineer

Avant Operating, LLC

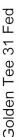
Avant Operating, LLC

Exhibit C-1











### Avant Operating, LLC Exhibit C-2

# STANDARD UNIT DEVELOPMENT vs. NON-STANDARD UNIT DEVELOPMENT

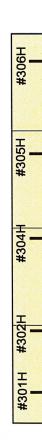
						9
Scenario	Design Basis Per CTB (BPOD)	CTB Cost (\$M)	CTB Cost (\$M) Pipeline/Utilities Cost (\$M)	Total Capital (\$M)	CTB and Pipeline Disturbance (Acres)	400-129
hree Separate Facilities	5,330	\$16	\$4	\$20	1	
wo Separate Facilities	8,000	\$11	\$3	\$14	7	
SAVINGS		\$5	\$1	\$6	4	



Avant Operating, LLC

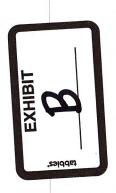


# Tract Map with approx. well locations and Pool Codes



	<u> </u>	8 8 8	
#306H		NMNM 128136	NMNM 145 30
#305H	31		9
12H #304H			
#301H #302H			

WELL NAME	POOL	POOL CODE
Golden Tee Fed Com 301H	Golden Tee Fed Com 301H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 302H	Golden Tee Fed Com 302H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 304H	Golden Tee Fed Com 304H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 305H	Golden Tee Fed Com 305H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 306H	Golden Tee Fed Com 306H Antelope Ridge; Bone Spring, North	2205





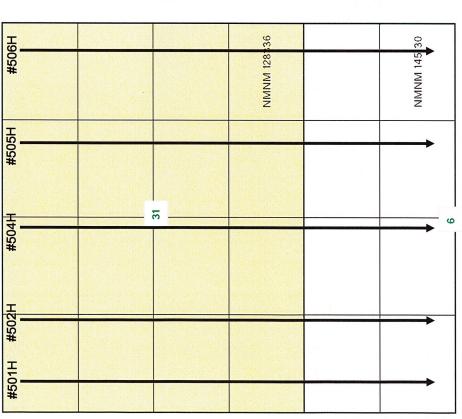




Avant Operating, LLC



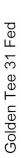
## Tract Map with approx. well locations and Pool Codes



ייים אין	POOL	POOL CODE
Golden Tee Fed Com 501H Antelope Ridge; Bone Spring, North	ope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 502H Antelope Ridge; Bone Spring, North	ope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 504H Antelope Ridge; Bone Spring, North	ope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 505H Antelope Ridge; Bone Spring, North	ope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 506H Antelope Ridge; Bone Spring, North	ope Ridge; Bone Spring, North	2205



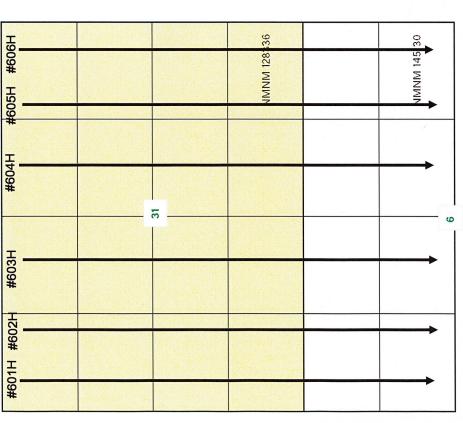




Avant Operating, LLC



## Tract Map with approx. well locations and Pool Codes



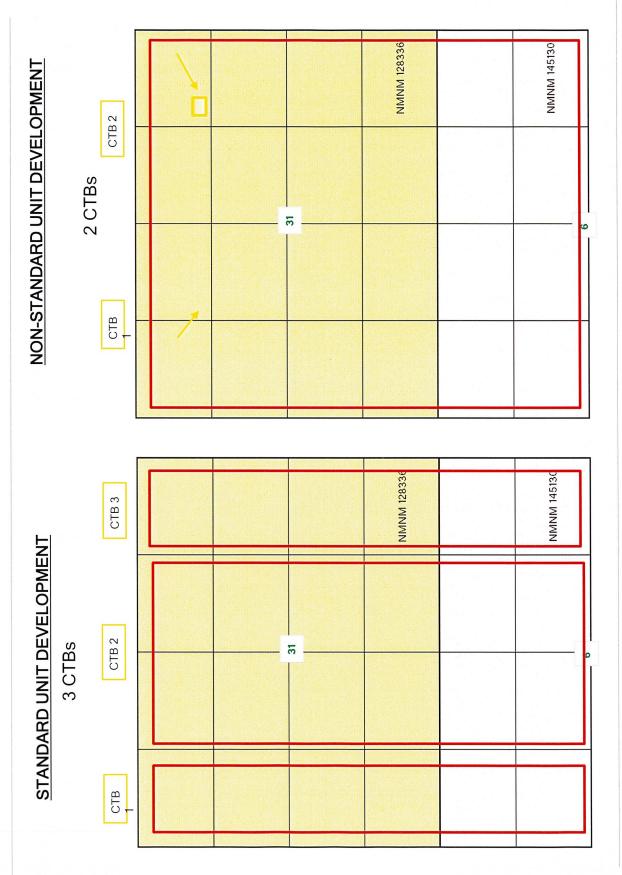
WELL NAME	POOL	POOL CODE
Golden Tee Fed Com 601H Ar	Golden Tee Fed Com 601H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 602H Ar	Golden Tee Fed Com 602H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 603H Ar	Golden Tee Fed Com 603H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 604H Ar	Golden Tee Fed Com 604H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 605H Ar	Golden Tee Fed Com 605H Antelope Ridge; Bone Spring, North	2205
Golden Tee Fed Com 606H Ar	Golden Tee Fed Com 606H Antelope Ridge; Bone Spring, North	2205

### SECOND BONE SPRING



Avant Operating, LLC







### Golden Tee Fed Com Bone Spring Well List and Pool and Pool Code

Pool & Pool Code: Antelope Ridge; Bone Spring, North (Pool Code: 2205).

### Wells:

- Golden Tee Fed Com 301H (API 30-025-49324)
- Golden Tee Fed Com 302H (API 30-025-49325)
- Golden Tee Fed Com 304H (API 30-025-49327)
- Golden Tee Fed Com 305H (API 30-025-49328)
- Golden Tee Fed Com 306H (API 30-025-49329)
- Golden Tee Fed Com 501H (API 30-025-49365)
- Golden Tee Fed Com 502H (API 30-025-49330)
- Golden Tee Fed Com 504H (API 30-025-49406)
- Golden Tee Fed Com 505H (API 30-025-49331)
- Golden Tee Fed Com 506H (API 30-025-49332)
- Golden Tee Fed Com 601H (API 30-025-50929)
- Golden Tee Fed Com 602H (API 30-025-50930)
- Golden Tee Fed Com 603H (API 30-025-50896)
- Golden Tee Fed Com 604H (API 30-025-49390)
- Golden Tee Fed Com 605H (API 30-025-49391)
- Golden Tee Fed Com 606H (API 30-025-49392)

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 403525

### **CONDITIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	403525
	Action Type:
	[UF-NSP] Non-Standard Proration (NSP)

### CONDITIONS

Creat By	d Condition	Condition Date
llow	e None	11/18/2024