



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

# Well Completion Print

07/24/2023

<b>Operator Name</b> AVANT OPERATING LLC	<b>Well Name</b> GOLDEN TEE 31 FED COM	<b>Well Number</b> 502H	<b>US Well Number</b> 3002549330
<b>SHL</b> Lot 1 Sec 31 22S 35E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM128836
<b>Well Type</b> OIL WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b>
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> Golden Tee 31 Fed Com	<b>Well Pad Number</b> Pad 1	<b>ID</b> 10400068431

## Section 1 - General

**Well Completion Report Id:** 83644

**Submission Date:** 03-29-2022

**BLM Office:** Carlsbad Field Office

**User:** SANDRA BELT

**Title:** Regulatory

**Federal/Indian:** FEDERAL

**Lease Number:** NMNM128836

**Lease Acres:**

**Agreement in place?:** NO

**Federal or Indian Agreement:**

**Agreement Number:**

**Agreement Name:**

**Keep this Well Completion Report confidential?:** NO

**APD Operator:** AVANT OPERATING LLC

## Section 2 - Well

**Field/Pool or Exploratory:**

**Pool Name:** Bone Spring North

**Field Name:** Antelope Ridge

**Well Type:** OIL WELL

**Spud Date:** 09-12-2021

**Date Total Measured Depth Reached:** 10-11-2021

**Drill & Abandon or Ready To Produce:** READY TO

**Well Class:** HORIZONTAL

## Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	OTHER	Caliche	3450	0	0	USEABLE WATER	
RUSTLER ANHYDRITE	ANHYDRITE		1626	1824	1827	NONE	

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### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		1260	2190	2197	NONE	
BASE OF SALT	SALT		-600	4050	4083	NONE	
SALADO	SALT		-769	4219	4256	NONE	
CAPITAN REEF	LIMESTONE		-1338	4788	4833	USEABLE WATER	
CHERRY CANYON	SANDSTONE		-2422	5876	5877	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3722	7176	7201	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5199	8653	8707	NATURAL GAS, OIL	
AVALON SAND	LIMESTONE		-5364	8818	8875	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6296	9750	9813	NATURAL GAS, OIL	
BONE SPRING 2ND	SHALE		-6476	9930	9994	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-13733	10279	10362	NATURAL GAS, OIL	

### Completion and Completed

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### Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM128836	NMNM128836	NEW		GLO	01-05-2022	02-18-2022	BONE SPRING NORTH	10859	18636	Y	.38	1728	OPEN

### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totile Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	518105	20533944	

### Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	41.3		FLows FROM WELL		SOLD	

### Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)

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00	S1	1	02/23/2022	24	2568	4104	4896	1598	1/64			510

### Well Location

Survey Type: RECTANGULAR

Survey Number: 17078

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

Wellbore Code	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Direction
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.354752	-103.411294	3454	N/A	N/A	FEDERAL	NMNM128836				243	FNL	1200	FWL	22S	35E	31	Lo
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.356734	-103.4113645	-6473	9940	9927	STATE	STATE				478	FSL	1177	FWL	22S	35E	30	Lo
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.355133	-103.4111033	-6803	10290	10257	FEDERAL	NMNM128836				104	FNL	1259	FWL	22S	35E	31	Lo
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3339455	-103.4111283	-7046	18038	10500	FEDERAL	NMNM141530				2533	FNL	1263	FWL	23S	35E	6	Lo

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Wellbore	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Acres
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3337945	-103.4111254	-7134	18721	10588	FEDERAL	NMNM141530	10588	18721	18650	2588	FNL	1264	FWL	23S	35E	6	Lo

### Casing, Liner and Tubing

### Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	1891	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	5610	9.625	40	J-55		LT&C		
00	PRODUCTION	8.75	0	17706	5.5	20	P-110		OTHER	EC	

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### Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C	825	1.9	0	Class C	260	1.35	0	341.7
00	INTERMEDIATE	2173	Class C	1515	1.84	3000	Class C 50/50 Poz	360	1.27	4000	1866.7
00	INTERMEDIATE		Class C Lite	1015	1.83	0	Class C 50/50 Poz	100	1.33	1000	1866.7
00	PRODUCTION		Class C	840	3.39	0	Class H	2175	1.21	0	975.9

### Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

### Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	NO	NO	YES	NO	NO

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### Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

**Name:** AVANT OPERATING LLC

**Signed By:** SANDRA BELT

**Title:** Regulatory

**Signed on:** 06/28/2023

**Street Address:** 1750 COUNTY ROAD 527

**City:** BAIRD

**State:** TX

**Zip:** 79504

**Phone:** (432)413-9797

**Email address:** SANDRA@PERMIANREGULATORY.COM

### Field

**Representative Name:** Braden Harris

**Street Address:** 1515 Wynkoop St., Ste. 700

**City:** Denver

**State:** CO

**Zip:** 80202

**Phone:** (720)746-5048

**Extension:**

**Email address:** braden.harris@setpointenergy.com

### Attachments

Golden\_Tee\_31\_Fed\_Com\_502H\_5\_Inch\_MD\_Gamma\_20230427121816.pdf

As\_Drilled\_Golden\_Tee\_31\_Fed\_Com\_502H\_C\_102\_\_cert\_6\_27\_23\_\_6.27.23\_20230628083437.pdf

Avant\_\_\_Golden\_Tee\_31\_Fed\_Com\_502H\_\_\_As\_Drilled\_Plan\_1.0\_\_\_Final\_20230628150002.pdf

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/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 244052

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 244052
	Action Type: [C-103] Sub. (Re)Completion Sundry (C-103T)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Future submittal of stand-alone approved BLM 3160-4 Completion Report needs to be submitted as C-105.	7/23/2025