

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Avant Operating, LLC 1515 Wynoop Street, Ste. 700 Denver CO 80202		² OGRID Number 330396	
		³ Reason for Filing Code/ Effective Date NW 2/18/22	
⁴ API Number 30 - 0 25-49330	⁵ Pool Name Antelope Ridge; Bone Spring, North		⁶ Pool Code 2205
⁷ Property Code 331355	⁸ Property Name Golden Tee 31 Federal Com		⁹ Well Number 502H

II. ¹⁰ Surface Location

UL or lot no. D	Section 31	Township 22S	Range 35E	Lot Idn 1	Feet from the 243	North/South Line North	Feet from the 1200	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. E	Section 6	Township 23S	Range 35E	Lot Idn 5	Feet from the 2588	North/South line North	Feet from the 1264	East/West line West	County Lea
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 2/18/22		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing, L.P. 333 Clay St., Ste. 1900 Houston TX 77002	O
372422	Lucid Energy Delaware, LLC 3100 McKinnon, Ste. 800 Dallas TX 75201	G

IV. Well Completion Data

²¹ Spud Date 9/12/21	²² Ready Date 2/18/22	²³ TD MD: 18,721 TVD: 10,588	²⁴ PBTD 18,650	²⁵ Perforations 10,859-18,636	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8	1,891		1,085
12-1/4		9-5/8	5,610		2,990
8-3/4		5-1/2	18,706		3,015

V. Well Test Data

³¹ Date New Oil 2/18/22	³² Gas Delivery Date 2/18/22	³³ Test Date 2/24/22	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 510
³⁷ Choke Size 1/64	³⁸ Oil 2568	³⁹ Water 4896	⁴⁰ Gas 4104		⁴¹ Test Method F
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sandra Belt</i>			OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>		
Printed name: Sandra Belt			Title: <i>PETROLEUM SPECIALIST</i>		
Title: Regulatory Analyst			Approval Date: <i>6/24/2022</i>		
E-mail Address: sandra@permanregulatory.com					
Date: 5/6/22		Phone: 432-413-9797			

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

AS-DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49330	² Pool Code 2205	³ Pool Name Antelope Ridge; Bone Spring, North
⁴ Property Code 331355	⁵ Property Name Golden Tee 31 Fed Com	⁶ Well Number 502H
⁷ OGRID No. 330396	⁸ Operator Name Avant Operating, LLC	⁹ Elevation 3454

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	31	22 S	35 E	Lot 1	243	North	1200	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	6	23 S	35 E	Lot 5	2588	North	1264	West	Lea

¹² Dedicated Acres
SEC 31: Lot 1 (39.46), Lot 2 (39.50), Lot 3 (39.54),
Lot 4 (39.58); SEC 6: Lot 4 (39.55), Lot 5 (39.36);
TOTAL ACRES: 236.99

¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No.

NSL; Approved; 8/5/21; #8192

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

16 SURFACE LOCATION NAD 83 NMSPC ZONE 3001 Y= 494016.69 N X= 826058.03 E LAT.= 32.3547520° N LONG.= 103.4112940° W 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° W 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° W 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 ○ = Found 1/2" Rebar with Cap ○ = Found Cut Tee Post		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Sandra Belt</i> 1/19/22 Signature Date Sandra Belt Printed Name sandra@permianregulatory.com E-mail Address 18 SURVEYOR CERTIFICATION 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. 8/27/21 Date of Survey Plat Revised: 01/11/22 Signature and Seal of Professional Surveyor MARSHALL W. LINDEN NEW MEXICO 17078 1-12-22 PROFESSIONAL SURVEYOR 17078 Certificate Number As-Drilled Revised 01/11/22
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Released to Imaging: 6/24/2022 2:49:48 PM

Received by OGD: 5/6/2022 7:57:25 PM

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	18666.00	92.22	178.58	10590.27	-7569.13	116.34	0.000	0.00	7569.76		Last Aim Svy
2	18721.00	92.22	178.58	10588.14	-7624.07	117.70	0.000	0.00	7624.71		Proj to BHL

Drawn By: KRN
Date Created: 9/3/2021
Date Revised: 10/11/2021
File: Avant - Golden Tee 13
Fed Com 502H - Plan
1.0.wpc

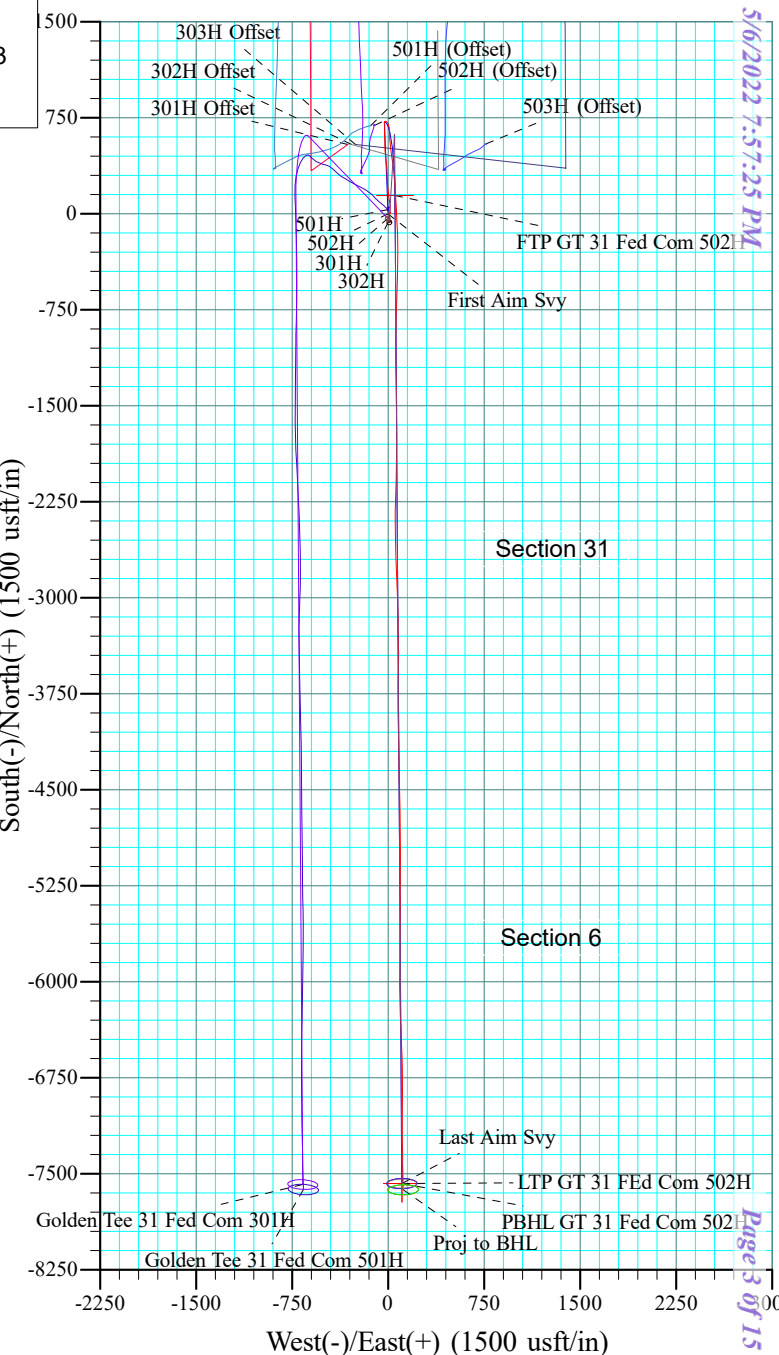
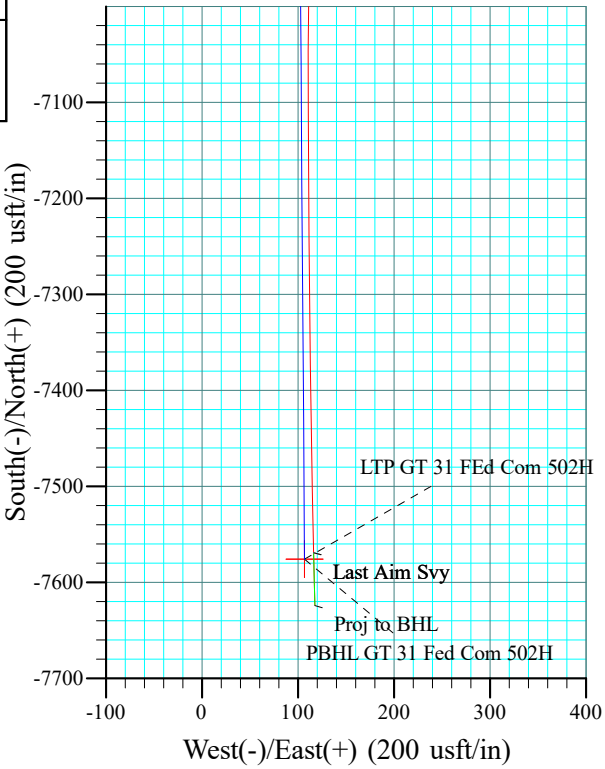
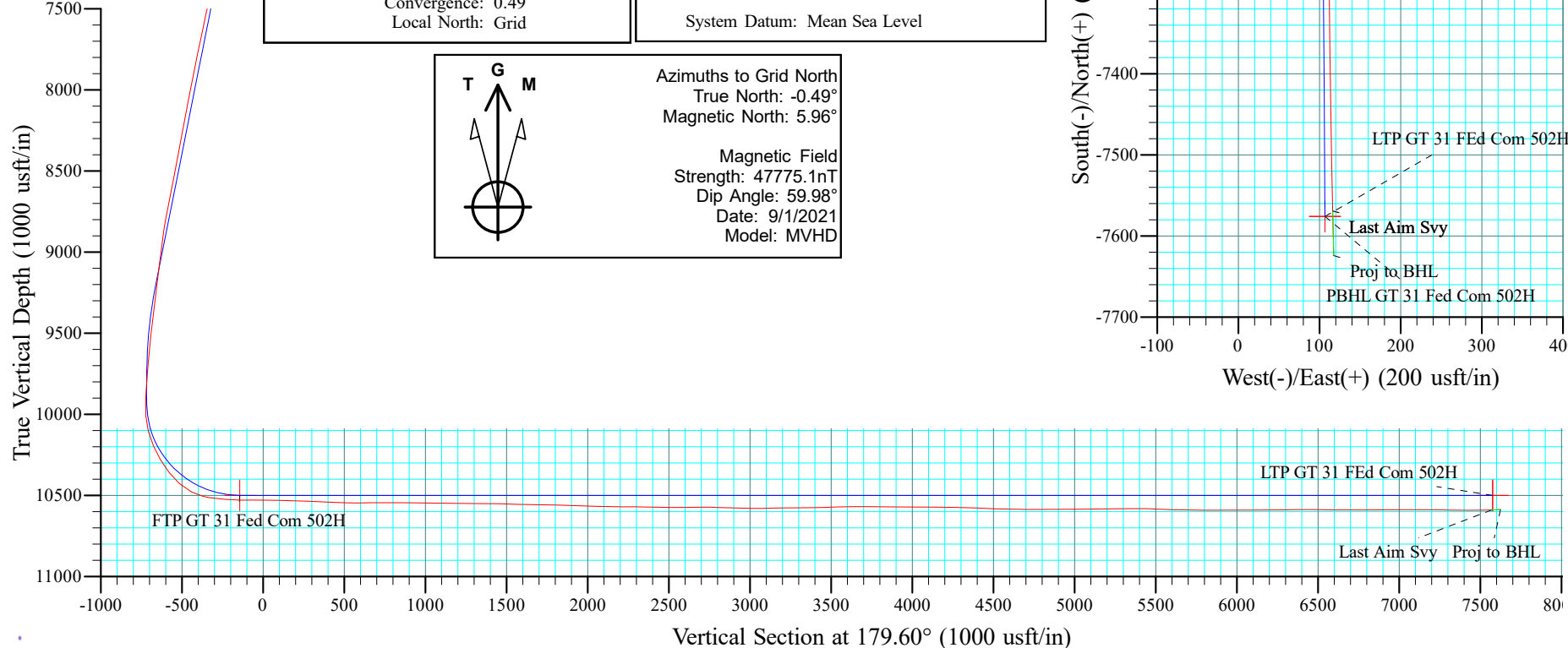
DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP GT 31 Fed Com 502H	10500.00	143.50	53.16	494160.19	826111.19	32° 21' 18.523 N	103° 24' 40.024 W
LTP GT 31 Fed Com 502H	10500.00	-7575.74	106.91	486440.95	826164.94	32° 20' 2.139 N	103° 24' 40.172 W
PBHL GT 31 Fed Com 502H	10500.00	-7575.74	106.91	486440.95	826164.94	32° 20' 2.139 N	103° 24' 40.172 W

SITE DETAILS: Golden Tee 31 Fed Com 502H	PROJECT DETAILS: Lea Co., NM (NAD 83)
Site Centre Northing: 494016.69 Easting: 826058.03	Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: New Mexico Eastern Zone
Positional Uncertainty: 0.00 Convergence: 0.49 Local North: Grid	System Datum: Mean Sea Level

Azimuths to Grid North
True North: -0.49°
Magnetic North: 5.96°

Magnetic Field
Strength: 47775.1nT
Dip Angle: 59.98°
Date: 9/1/2021
Model: MVHD

T G M





Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 502H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3480.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 502H	MD Reference:	Well @ 3480.00usft (H&P 642)
Well:	502H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Project	Lea Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Golden Tee 31 Fed Com 502H		
Site Position:		Northing:	494,016.69 usft
From:	Map	Easting:	826,058.03 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 21' 17.107 N
		Longitude:	103° 24' 40.658 W
		Grid Convergence:	0.49 °

Well	502H		
Well Position	+N/-S	0.00 usft	Northing: 494,016.69 usft
	+E/-W	0.00 usft	Easting: 826,058.03 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 21' 17.107 N
		Longitude:	103° 24' 40.658 W
		Ground Level:	3,453.00 usft

Wellbore	Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	9/1/2021	6.45	59.98	47,775.056

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.60	

Survey Program	Date	10/11/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
226.00	18,721.00	MWD Svy (Drilling)	B001Mb_MWD+HRGM	OWSG MWD + HRGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	
226.00	0.35	200.81	226.00	-0.65	-0.25	0.64	0.155	0.155	0.000	
First Aim Svy										
317.00	0.35	187.72	317.00	-1.18	-0.38	1.18	0.088	0.000	-14.385	
407.00	0.26	177.61	407.00	-1.66	-0.41	1.65	0.116	-0.100	-11.233	
497.00	0.18	135.16	497.00	-1.96	-0.30	1.96	0.195	-0.089	-47.167	
588.00	0.22	119.08	587.99	-2.15	-0.05	2.15	0.075	0.044	-17.670	
678.00	0.22	93.50	677.99	-2.24	0.28	2.24	0.108	0.000	-28.422	
770.00	0.13	124.70	769.99	-2.31	0.54	2.32	0.139	-0.098	33.913	
860.00	0.22	100.79	859.99	-2.40	0.79	2.41	0.127	0.100	-26.567	
950.00	0.09	81.63	949.99	-2.42	1.03	2.43	0.154	-0.144	-21.289	



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 502H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3480.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 502H	MD Reference:	Well @ 3480.00usft (H&P 642)
Well:	502H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,045.00	0.22	324.04	1,044.99	-2.27	1.00	2.27	0.288	0.137	-123.779
1,140.00	0.13	185.17	1,139.99	-2.23	0.88	2.23	0.347	-0.095	-146.179
1,234.00	0.13	22.66	1,233.99	-2.23	0.91	2.24	0.273	0.000	-172.883
1,328.00	0.13	286.86	1,327.99	-2.10	0.85	2.11	0.205	0.000	-101.915
1,423.00	0.04	159.86	1,422.99	-2.10	0.76	2.11	0.166	-0.095	-133.684
1,517.00	0.09	269.72	1,516.99	-2.14	0.70	2.14	0.117	0.053	116.872
1,612.00	0.09	169.79	1,611.99	-2.21	0.64	2.21	0.145	0.000	-105.189
1,706.00	0.18	352.78	1,705.99	-2.14	0.63	2.14	0.287	0.096	-188.308
1,837.00	0.09	129.45	1,836.99	-2.00	0.68	2.00	0.193	-0.069	104.328
2,087.00	1.23	66.34	2,086.97	-1.04	3.29	1.07	0.477	0.456	-25.244
2,182.00	1.45	62.74	2,181.95	-0.08	5.30	0.12	0.248	0.232	-3.789
2,277.00	1.27	59.84	2,276.92	0.99	7.27	-0.94	0.203	-0.189	-3.053
2,371.00	1.23	53.07	2,370.90	2.12	8.98	-2.06	0.163	-0.043	-7.202
2,466.00	1.05	62.39	2,465.88	3.14	10.57	-3.07	0.271	-0.189	9.811
2,561.00	1.14	59.75	2,560.86	4.02	12.16	-3.93	0.109	0.095	-2.779
2,655.00	0.88	71.88	2,654.85	4.72	13.65	-4.62	0.357	-0.277	12.904
2,750.00	0.18	321.40	2,749.84	5.06	14.25	-4.96	1.008	-0.737	-116.294
2,845.00	0.40	280.53	2,844.84	5.24	13.83	-5.14	0.304	0.232	-43.021
2,939.00	0.66	255.83	2,938.84	5.16	12.98	-5.07	0.362	0.277	-26.277
3,128.00	0.75	257.50	3,127.82	4.63	10.72	-4.55	0.049	0.048	0.884
3,223.00	0.57	277.28	3,222.82	4.55	9.64	-4.49	0.303	-0.189	20.821
3,318.00	0.48	252.49	3,317.81	4.49	8.80	-4.43	0.255	-0.095	-26.095
3,507.00	0.62	54.48	3,506.81	4.85	8.87	-4.79	0.575	0.074	85.709
3,602.00	1.41	64.93	3,601.79	5.64	10.35	-5.57	0.851	0.832	11.000
3,697.00	1.71	61.16	3,696.76	6.82	12.65	-6.74	0.334	0.316	-3.968
3,792.00	1.05	78.47	3,791.73	7.68	14.75	-7.58	0.814	-0.695	18.221
3,887.00	1.10	84.09	3,886.71	7.95	16.51	-7.83	0.123	0.053	5.916
3,982.00	0.57	144.65	3,981.71	7.66	17.69	-7.53	1.009	-0.558	63.747
4,076.00	0.84	187.45	4,075.70	6.59	17.87	-6.47	0.609	0.287	45.532
4,171.00	0.79	186.58	4,170.69	5.25	17.70	-5.13	0.054	-0.053	-0.916
4,266.00	0.57	204.42	4,265.68	4.17	17.43	-4.05	0.319	-0.232	18.779
4,360.00	0.40	222.79	4,359.68	3.50	17.01	-3.39	0.243	-0.181	19.543
4,455.00	0.44	180.69	4,454.68	2.90	16.79	-2.78	0.320	0.042	-44.316
4,550.00	0.35	175.59	4,549.67	2.24	16.80	-2.13	0.102	-0.095	-5.368
4,644.00	0.18	240.36	4,643.67	1.88	16.70	-1.77	0.338	-0.181	68.904
4,739.00	0.13	69.94	4,738.67	1.85	16.67	-1.73	0.325	-0.053	-179.389
4,928.00	1.63	349.17	4,927.65	4.56	16.36	-4.45	0.854	0.794	-42.735
5,023.00	2.07	3.24	5,022.60	7.60	16.21	-7.49	0.662	0.463	14.810
5,213.00	1.05	350.58	5,212.53	12.74	16.12	-12.63	0.563	-0.537	-6.663
5,402.00	0.79	345.75	5,401.50	15.71	15.51	-15.61	0.143	-0.138	-2.556
5,558.00	1.01	330.89	5,557.48	17.96	14.58	-17.86	0.204	0.141	-9.526
5,680.00	0.75	348.65	5,679.47	19.68	13.90	-19.58	0.306	-0.213	14.557
5,775.00	3.69	16.24	5,774.39	23.23	14.63	-23.12	3.205	3.095	29.042



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 502H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3480.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 502H	MD Reference:	Well @ 3480.00usft (H&P 642)
Well:	502H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,870.00	8.04	359.54	5,868.87	32.81	15.43	-32.70	4.871	4.579	-17.579
5,965.00	8.75	357.35	5,962.86	46.67	15.05	-46.57	0.820	0.747	-2.305
6,059.00	8.66	357.35	6,055.77	60.88	14.39	-60.78	0.096	-0.096	0.000
6,154.00	8.44	357.26	6,149.72	74.99	13.72	-74.89	0.232	-0.232	-0.095
6,249.00	8.44	354.01	6,243.69	88.89	12.66	-88.80	0.502	0.000	-3.421
6,343.00	9.93	351.99	6,336.48	103.78	10.81	-103.70	1.622	1.585	-2.149
6,438.00	11.47	350.23	6,429.83	121.20	8.07	-121.14	1.657	1.621	-1.853
6,532.00	11.38	348.65	6,521.96	139.50	4.66	-139.46	0.346	-0.096	-1.681
6,627.00	11.12	347.77	6,615.14	157.64	0.87	-157.63	0.328	-0.274	-0.926
6,721.00	11.96	355.24	6,707.24	176.21	-1.86	-176.22	1.822	0.894	7.947
6,816.00	13.05	358.75	6,799.99	196.74	-2.91	-196.76	1.398	1.147	3.695
6,911.00	12.79	358.31	6,892.58	217.98	-3.45	-218.00	0.293	-0.274	-0.463
7,006.00	12.53	356.91	6,985.27	238.78	-4.32	-238.80	0.423	-0.274	-1.474
7,100.00	12.00	356.82	7,077.13	258.72	-5.41	-258.75	0.564	-0.564	-0.096
7,195.00	11.56	356.47	7,170.13	278.08	-6.54	-278.12	0.469	-0.463	-0.368
7,290.00	11.08	357.26	7,263.28	296.70	-7.56	-296.74	0.531	-0.505	0.832
7,384.00	11.25	357.08	7,355.50	314.88	-8.46	-314.93	0.185	0.181	-0.191
7,479.00	12.04	357.70	7,448.54	334.03	-9.33	-334.09	0.842	0.832	0.653
7,574.00	11.21	355.50	7,541.60	353.14	-10.45	-353.20	0.990	-0.874	-2.316
7,669.00	12.09	355.15	7,634.64	372.26	-12.02	-372.33	0.929	0.926	-0.368
7,763.00	12.84	354.97	7,726.42	392.47	-13.77	-392.56	0.799	0.798	-0.191
7,858.00	11.52	354.62	7,819.28	412.43	-15.58	-412.53	1.392	-1.389	-0.368
7,953.00	10.77	353.66	7,912.49	430.70	-17.45	-430.81	0.813	-0.789	-1.011
8,048.00	11.03	352.86	8,005.77	448.54	-19.56	-448.66	0.317	0.274	-0.842
8,142.00	11.34	355.24	8,097.99	466.67	-21.45	-466.81	0.592	0.330	2.532
8,237.00	10.20	354.53	8,191.31	484.35	-23.02	-484.50	1.208	-1.200	-0.747
8,332.00	9.93	353.92	8,284.85	500.87	-24.69	-501.03	0.306	-0.284	-0.642
8,427.00	11.03	357.96	8,378.27	518.10	-25.88	-518.27	1.392	1.158	4.253
8,522.00	11.52	359.72	8,471.43	536.67	-26.25	-536.84	0.630	0.516	1.853
8,616.00	10.77	0.33	8,563.66	554.83	-26.25	-555.00	0.808	-0.798	0.649
8,711.00	10.90	357.87	8,656.97	572.69	-26.53	-572.86	0.506	0.137	-2.589
8,806.00	11.38	356.64	8,750.18	591.02	-27.42	-591.20	0.564	0.505	-1.295
8,901.00	8.97	357.17	8,843.68	607.78	-28.33	-607.96	2.539	-2.537	0.558
8,996.00	6.86	356.47	8,937.77	620.84	-29.05	-621.02	2.223	-2.221	-0.737
9,090.00	6.99	0.07	9,031.08	632.16	-29.38	-632.35	0.482	0.138	3.830
9,185.00	7.56	2.27	9,125.32	644.18	-29.13	-644.37	0.668	0.600	2.316
9,280.00	6.86	4.55	9,219.56	656.08	-28.43	-656.27	0.796	-0.737	2.400
9,375.00	6.29	4.03	9,313.94	666.93	-27.62	-667.11	0.603	-0.600	-0.547
9,469.00	7.30	358.31	9,407.28	678.04	-27.43	-678.21	1.292	1.074	-6.085
9,510.00	7.12	0.25	9,447.95	683.18	-27.50	-683.36	0.738	-0.439	4.732
9,605.00	6.46	357.61	9,542.29	694.41	-27.69	-694.59	0.768	-0.695	-2.779
9,700.00	4.88	354.18	9,636.82	703.77	-28.33	-703.95	1.700	-1.663	-3.611
9,795.00	4.44	354.71	9,731.51	711.45	-29.08	-711.64	0.465	-0.463	0.558



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 502H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3480.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 502H	MD Reference:	Well @ 3480.00usft (H&P 642)
Well:	502H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,889.00	3.78	354.09	9,825.26	718.16	-29.73	-718.35	0.704	-0.702	-0.660
9,984.00	5.05	60.45	9,920.03	723.34	-26.41	-723.50	5.205	1.337	69.852
10,078.00	10.81	115.38	10,013.21	721.60	-14.83	-721.68	9.481	6.128	58.436
10,173.00	16.09	150.36	10,105.71	706.30	-0.23	-706.28	9.970	5.558	36.821
10,268.00	23.60	174.36	10,195.15	675.84	8.17	-675.77	11.515	7.905	25.263
10,362.00	30.11	178.31	10,278.98	633.50	10.72	-633.41	7.177	6.926	4.202
10,457.00	37.80	176.47	10,357.72	580.54	13.22	-580.44	8.166	8.095	-1.937
10,551.00	48.35	172.78	10,426.30	516.76	19.42	-516.61	11.535	11.223	-3.926
10,645.00	62.90	172.16	10,479.23	440.06	29.60	-439.84	15.488	15.479	-0.660
10,722.00	75.52	172.34	10,506.50	368.87	39.28	-368.59	16.391	16.390	0.234
10,764.00	82.64	173.48	10,514.45	327.97	44.36	-327.65	17.160	16.952	2.714
10,859.00	85.54	176.73	10,524.24	233.84	52.42	-233.47	4.571	3.053	3.421
10,947.89	88.38	176.90	10,528.95	145.22	57.35	-144.82	3.195	3.189	0.190
FTP GT 31 Fed Com 502H									
10,954.00	88.57	176.91	10,529.12	139.13	57.68	-138.72	3.195	3.189	0.189
11,049.00	90.42	176.29	10,529.95	44.30	63.31	-43.86	2.054	1.947	-0.653
11,143.00	88.62	177.52	10,530.74	-49.55	68.39	50.03	2.319	-1.915	1.309
11,238.00	89.58	177.08	10,532.23	-144.43	72.86	144.94	1.112	1.011	-0.463
11,332.00	86.90	180.34	10,535.12	-238.34	74.98	238.86	4.488	-2.851	3.468
11,427.00	87.34	180.42	10,539.90	-333.22	74.35	333.73	0.471	0.463	0.084
11,522.00	87.78	179.72	10,543.94	-428.13	74.24	428.64	0.870	0.463	-0.737
11,617.00	88.66	181.92	10,546.89	-523.07	72.88	523.57	2.493	0.926	2.316
11,712.00	90.29	182.53	10,547.76	-617.99	69.19	618.46	1.832	1.716	0.642
11,806.00	91.74	182.18	10,546.10	-711.90	65.33	712.33	1.587	1.543	-0.372
11,901.00	89.85	181.30	10,544.78	-806.84	62.44	807.25	2.194	-1.989	-0.926
11,995.00	89.58	181.48	10,545.25	-900.81	60.16	901.21	0.345	-0.287	0.191
12,089.00	88.62	179.81	10,546.72	-994.79	59.10	995.17	2.049	-1.021	-1.777
12,184.00	88.88	179.46	10,548.79	-1,089.76	59.71	1,090.15	0.459	0.274	-0.368
12,279.00	90.07	178.75	10,549.67	-1,184.74	61.19	1,185.14	1.459	1.253	-0.747
12,373.00	88.97	179.54	10,550.45	-1,278.73	62.60	1,279.13	1.441	-1.170	0.840
12,468.00	89.93	179.10	10,551.36	-1,373.72	63.72	1,374.13	1.112	1.011	-0.463
12,563.00	88.48	179.28	10,552.68	-1,468.69	65.07	1,469.11	1.538	-1.526	0.189
12,658.00	88.48	179.37	10,555.20	-1,563.65	66.18	1,564.08	0.095	0.000	0.095
12,753.00	88.79	179.19	10,557.47	-1,658.62	67.38	1,659.05	0.377	0.326	-0.189
12,848.00	89.49	179.10	10,558.89	-1,753.60	68.80	1,754.04	0.743	0.737	-0.095
12,943.00	87.87	180.95	10,561.08	-1,848.57	68.75	1,849.00	2.588	-1.705	1.947
13,037.00	88.31	181.74	10,564.21	-1,942.49	66.55	1,942.90	0.962	0.468	0.840
13,132.00	88.26	182.36	10,567.06	-2,037.38	63.15	2,037.77	0.654	-0.053	0.653
13,226.00	88.97	182.09	10,569.33	-2,131.28	59.50	2,131.65	0.808	0.755	-0.287
13,320.00	89.89	182.18	10,570.26	-2,225.21	56.00	2,225.55	0.983	0.979	0.096
13,415.00	88.31	180.16	10,571.76	-2,320.17	54.06	2,320.49	2.699	-1.663	-2.126
13,509.00	89.23	179.28	10,573.77	-2,414.15	54.52	2,414.47	1.354	0.979	-0.936
13,603.00	89.93	179.02	10,574.46	-2,508.13	55.92	2,508.46	0.794	0.745	-0.277
13,698.00	90.11	179.02	10,574.43	-2,603.12	57.54	2,603.46	0.189	0.189	0.000



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 502H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3480.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 502H	MD Reference:	Well @ 3480.00usft (H&P 642)
Well:	502H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
13,792.00	90.77	177.52	10,573.71	-2,697.07	60.38	2,697.43	1.743	0.702	-1.596
13,886.00	88.22	177.43	10,574.54	-2,790.97	64.52	2,791.35	2.714	-2.713	-0.096
13,981.00	88.53	176.82	10,577.23	-2,885.81	69.28	2,886.22	0.720	0.326	-0.642
14,076.00	88.26	178.75	10,579.89	-2,980.70	72.95	2,981.13	2.051	-0.284	2.032
14,170.00	90.68	179.46	10,580.76	-3,074.68	74.42	3,075.12	2.683	2.574	0.755
14,264.00	91.69	178.75	10,578.82	-3,168.64	75.89	3,169.09	1.313	1.074	-0.755
14,359.00	90.24	179.19	10,577.22	-3,263.61	77.60	3,264.07	1.595	-1.526	0.463
14,454.00	91.03	178.05	10,576.16	-3,358.57	79.88	3,359.05	1.460	0.832	-1.200
14,548.00	90.90	180.07	10,574.58	-3,452.54	81.43	3,453.03	2.153	-0.138	2.149
14,643.00	92.26	181.04	10,571.96	-3,547.50	80.51	3,547.98	1.758	1.432	1.021
14,738.00	90.33	181.39	10,569.81	-3,642.45	78.49	3,642.91	2.065	-2.032	0.368
14,832.00	90.42	181.13	10,569.20	-3,736.42	76.43	3,736.87	0.293	0.096	-0.277
14,927.00	88.44	179.28	10,570.14	-3,831.41	76.09	3,831.85	2.852	-2.084	-1.947
15,022.00	89.05	178.93	10,572.22	-3,926.38	77.57	3,926.82	0.740	0.642	-0.368
15,117.00	90.29	178.67	10,572.77	-4,021.35	79.56	4,021.81	1.334	1.305	-0.274
15,211.00	89.32	178.49	10,573.09	-4,115.32	81.89	4,115.79	1.050	-1.032	-0.191
15,306.00	90.24	179.02	10,573.46	-4,210.30	83.95	4,210.78	1.118	0.968	0.558
15,400.00	87.82	179.72	10,575.05	-4,304.27	84.99	4,304.76	2.680	-2.574	0.745
15,495.00	87.52	178.67	10,578.91	-4,399.18	86.32	4,399.68	1.149	-0.316	-1.105
15,590.00	87.60	177.61	10,582.95	-4,494.04	89.40	4,494.56	1.118	0.084	-1.116
15,684.00	89.05	179.54	10,585.70	-4,587.97	91.74	4,588.49	2.567	1.543	2.053
15,778.00	90.68	179.98	10,585.92	-4,681.96	92.13	4,682.49	1.796	1.734	0.468
15,872.00	89.05	179.46	10,586.15	-4,775.96	92.59	4,776.49	1.820	-1.734	-0.553
15,967.00	89.89	179.19	10,587.02	-4,870.95	93.71	4,871.48	0.929	0.884	-0.284
16,062.00	91.03	178.58	10,586.26	-4,965.92	95.56	4,966.47	1.361	1.200	-0.642
16,157.00	90.11	180.25	10,585.32	-5,060.91	96.53	5,061.46	2.007	-0.968	1.758
16,251.00	90.42	180.86	10,584.88	-5,154.90	95.62	5,155.44	0.728	0.330	0.649
16,346.00	91.16	180.42	10,583.57	-5,249.89	94.55	5,250.42	0.906	0.779	-0.463
16,441.00	90.15	179.28	10,582.49	-5,344.88	94.80	5,345.41	1.603	-1.063	-1.200
16,535.00	89.63	180.42	10,582.67	-5,438.87	95.05	5,439.41	1.333	-0.553	1.213
16,630.00	87.08	180.77	10,585.39	-5,533.82	94.06	5,534.34	2.709	-2.684	0.368
16,725.00	88.35	180.51	10,589.18	-5,628.74	93.00	5,629.25	1.365	1.337	-0.274
16,820.00	89.05	180.60	10,591.34	-5,723.71	92.08	5,724.21	0.743	0.737	0.095
16,914.00	90.02	180.86	10,592.10	-5,817.70	90.89	5,818.19	1.068	1.032	0.277
17,009.00	91.25	180.34	10,591.05	-5,912.68	89.89	5,913.17	1.406	1.295	-0.547
17,103.00	89.23	179.54	10,590.65	-6,006.68	89.99	6,007.16	2.311	-2.149	-0.851
17,198.00	89.49	178.67	10,591.71	-6,101.66	91.47	6,102.15	0.956	0.274	-0.916
17,293.00	90.46	177.87	10,591.76	-6,196.61	94.34	6,197.12	1.324	1.021	-0.842
17,387.00	91.74	177.70	10,589.95	-6,290.52	97.97	6,291.06	1.374	1.362	-0.181
17,481.00	89.93	177.96	10,588.58	-6,384.44	101.53	6,385.00	1.945	-1.926	0.277
17,576.00	89.93	178.05	10,588.70	-6,479.39	104.84	6,479.96	0.095	0.000	0.095
17,670.00	88.88	178.75	10,589.67	-6,573.34	107.46	6,573.93	1.342	-1.117	0.745
17,764.00	89.89	178.05	10,590.68	-6,667.30	110.09	6,667.90	1.307	1.074	-0.745



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 502H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3480.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 502H	MD Reference:	Well @ 3480.00usft (H&P 642)
Well:	502H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
17,859.00	89.98	179.46	10,590.79	-6,762.27	112.15	6,762.89	1.487	0.095	1.484	
17,954.00	90.55	180.25	10,590.35	-6,857.27	112.39	6,857.89	1.025	0.600	0.832	
18,048.00	91.74	180.77	10,588.47	-6,951.25	111.56	6,951.86	1.381	1.266	0.553	
18,143.00	88.92	180.34	10,587.92	-7,046.23	110.64	7,046.83	3.003	-2.968	-0.453	
18,238.00	89.63	179.28	10,589.13	-7,141.22	110.95	7,141.82	1.343	0.747	-1.116	
18,333.00	89.10	179.54	10,590.18	-7,236.21	111.93	7,236.81	0.621	-0.558	0.274	
18,428.00	89.10	179.72	10,591.67	-7,331.20	112.54	7,331.80	0.189	0.000	0.189	
18,522.00	89.80	179.02	10,592.57	-7,425.18	113.58	7,425.80	1.053	0.745	-0.745	
18,617.00	91.21	178.93	10,591.74	-7,520.16	115.28	7,520.78	1.487	1.484	-0.095	
18,666.00	92.22	178.58	10,590.27	-7,569.13	116.34	7,569.76	2.181	2.061	-0.714	
Last Aim Svy - PBHL GT 31 Fed Com 502H - LTP GT 31 FEed Com 502H										
18,721.00	92.22	178.58	10,588.14	-7,624.07	117.70	7,624.71	0.000	0.000	0.000	
Proj to BHL										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
226.00	226.00	-0.65	-0.25	First Aim Svy	
18,666.00	10,590.27	-7,569.13	116.34	Last Aim Svy	
18,721.00	10,588.14	-7,624.07	117.70	Proj to BHL	

Intent ☐ As Drilled ☐

API # 30-025-49330		
Operator Name: Avant Operating, LLC	Property Name: Golden Tee 31 Federal Com	Well Number 502H

Kick Off Point (KOP)

UL M	Section 30	Township 22S	Range 35E	Lot 4	Feet 478	From N/S S	Feet 1177	From E/W W	County Lea
Latitude 32.3567340					Longitude -103.4113645			NAD 83	

First Take Point (FTP)

UL D	Section 31	Township 22S	Range 35E	Lot 1	Feet 104	From N/S N	Feet 1259	From E/W W	County Lea
Latitude 32.3551330					Longitude -103.4111033			NAD 83	

Last Take Point (LTP)

UL E	Section 6	Township 23S	Range 35E	Lot 5	Feet 2533	From N/S N	Feet 1263	From E/W W	County Lea
Latitude 32.3339455					Longitude -103.4111283			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

☐ No

Is this well an infill well?

☐ Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-49325		
Operator Name: Avant Operating, LLC	Property Name: Golden Tee 31 Federal Com	Well Number 302H

KZ 06/29/2018

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-49330
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No. 331355 Federal Well: Lease #NMNM128836
7. Lease Name or Unit Agreement Name Golden Tee 31 Federal Com
8. Well Number 502H
9. OGRID Number 330396
10. Pool name or Wildcat Antelope Ridge; Bone Spring, North
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3454 GL

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Avant Operating, LLC	
3. Address of Operator 1515 Wynkoop St., Ste. 700 Denver CO 80202	
4. Well Location Unit Letter <u>D</u> : <u>243</u> feet from the <u>N</u> line and <u>1200</u> feet from the <u>W</u> line Section <u>31</u> Township <u>22S</u> Range <u>35E</u> NMPM <u>NM</u> County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3454 GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: Completion Sundry ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Avant Operating, LLC respectfully wishes to report the completion of this well as follows:

12/21/21: Pressure test 5-1/2" production casing to 10,000#. Good test.
12/21 through 1/2/22: Perf and frac stages 1-48. Perfs 10,859 - 18,636; 1728 holes. Frac w/518,105 gals fluid and 21,760,410 # proppant.
1/4/22: Drill out plugs. PBTD @18,650'.
2/17/22: Start flowback.
2/18/22: First show of oil.
3/17/22: Well turned over to production.

Spud Date:

9/12/21

Rig Release Date:

10/12/21

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sandra Belt TITLE Regulatory Specialist DATE 5/6/22

Type or print name Sandra Belt E-mail address: sandra@permianregulatory.com PHONE: 432/413/9797

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017						
WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Golden Te 31 Federal Com			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____								6. Well Number: 502H			
8. Name of Operator Avant Operating, LLC						9. OGRID 330396					
10. Address of Operator 1515 Wynkoop St., Ste. 700 Denver Co 80202						11. Pool name or Wildcat Antelope Ridge; Bone Spring, North					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	D	31	22S	35E	1	243	N	1200	W	Lea	
BH:	E	6	23S	35E	5	2588	N	1264	W	Lea	
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)			
9/12/21	10/11/21		10/12/21			2/18/22		3454			
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			
18,721MD 10,588TVD			18,650			Yes					
22. Producing Interval(s), of this completion - Top, Bottom, Name											
10,288 - 17,883											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/8		54.4		1,891		17-1/2		1,085			
9-5/8		40		5,610		12-1/4		2,990			
5-1/2		20		18,706		8-3/4		3,015			
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET	PACKER SET
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
10,859 - 18,636						DEPTH INTERVAL					
0.38 3 shots/ft.						AMOUNT AND KIND MATERIAL USED					
1728 holes						10,859-18,636 518,105 gals. fluid					
						21,760,410# Proppant					
28. PRODUCTION											
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)					
2/20/22						POW					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio				
2/24/22	24	1/64		2568	4104	4896	1598				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)					
	510		2568	4104	4896	41.3					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By			
Sold											
31. List Attachments											
C-104C; C-102; Survey; KOP; C-103; C-105											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:											
Latitude _____ Longitude _____ NAD83											
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief											
Signature <i>Sandra Belt</i>			Printed Name Sandra Belt		Title Regulatory Analyst			Date 5/6/22			
E-mail Address sandra@permianregulatory.com											

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	Cherry Canyon 5877
T. Tubb	T. Delaware Sand	T. Morrison	Brushy Canyon 7201
T. Drinkard	T. Bone Springs	T. Todilto	Bone Spring Lime 8712
T. Abo	T.	T. Entrada	Avolon Sand 8875
T. Wolfcamp	T.	T. Wingate	Bone Spring 1st 9813
T. Penn	T.	T. Chinle	2nd Bone Spring Shale 9994
T. Cisco (Bough C)	T.	T. Permian	2nd Bone Spring Sand 10362

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 105034

ACKNOWLEDGMENTS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 105034
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 105034

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 105034
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	6/24/2022