

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 RT 2/18/22
⁴ API Number 30 - 0 25-49325	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 302H

II. ¹⁰ Surface Location

UL or lot no. D	Section 31	Township 22S	Range 35E	Lot Idn Lot 1	Feet from the 309	North/South Line N	Feet from the 1200	East/West line W	County Lea
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¹¹ Bottom Hole Location

UL or lot no. E	Section 6	Township 23S	Range 35E	Lot Idn Lot 5	Feet from the 2585	North/South line N	Feet from the 1270	East/West line W	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 9-8-21	²² Ready Date 2/18/22	²³ TD 17,873 MD 9,876 TVD	²⁴ PBTD 17,795 MD	²⁵ Perforations 10,194 - 17,789	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		5,620	1,875
5-1/2		5-1/2		17,858	3,015

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
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		
Printed name: Sandra Belt			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Analyst			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: sandra@permianregulatory.com			Approval Date: <i>4/7/2022</i>		
Date: 2/20/22		Phone: 432-413-9797	<i>RT EXPIRES 5/18/2022</i>		

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-8161 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) 334-8178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

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 30-025-49325	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 302H
⁷ GRID 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	309	North	1200	West	Lea

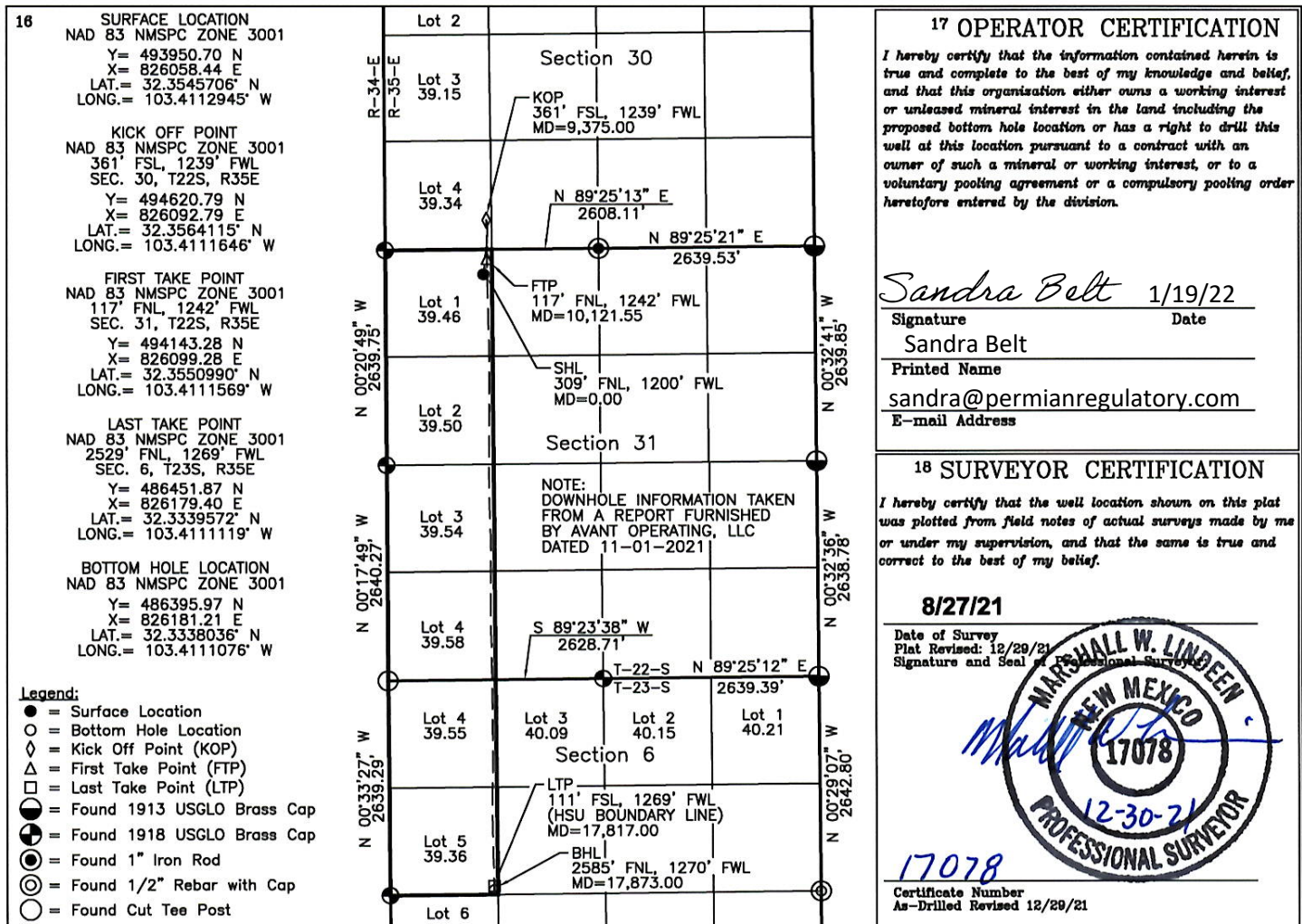
¹¹ Bottom Hole Location If Different From Surface

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	2585	North	1270	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.

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



Released to Imaging: 4/7/2022 7:34:26 AM

Received by OGD: 2/21/2022 6:24:47 PM

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	17817.00	92.75	178.14	9878.63	-7498.83	120.96	0.000	0.00	7499.49		Last Aim Svy
2	17873.00	92.75	178.14	9875.94	-7554.73	122.77	0.000	0.00	7555.40		Proj to BHL

Drawn By: KRN
Date Created: 9/3/2021
Date Revised:
11/01/2021
File: Avant - Golden Tee
31
Fed Com 302H - As
Drilled Plan 1.0.wpc

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
FTP GT 31 Fed Com 302H	9888.00	209.49	52.75	494160.19	826111.19	32° 21' 18.523 N	103° 24' 40.024 W	
LTP GT 31 Fed Com 302H	9888.00	-7509.75	106.50	486440.95	826164.94	32° 20' 2.139 N	103° 24' 40.172 W	
PBHL GT 31 Fed Com 302H	9888.00	-7509.75	106.50	486440.95	826164.94	32° 20' 2.139 N	103° 24' 40.172 W	

SITE DETAILS: Golden Tee 31 Fed Com 302H

Site Centre Northing: 493950.70
Easting: 826058.44

Positional Uncertainty: 0.00
Convergence: 0.49
Local North: Grid

PROJECT DETAILS: Lea Co., NM (NAD 83)

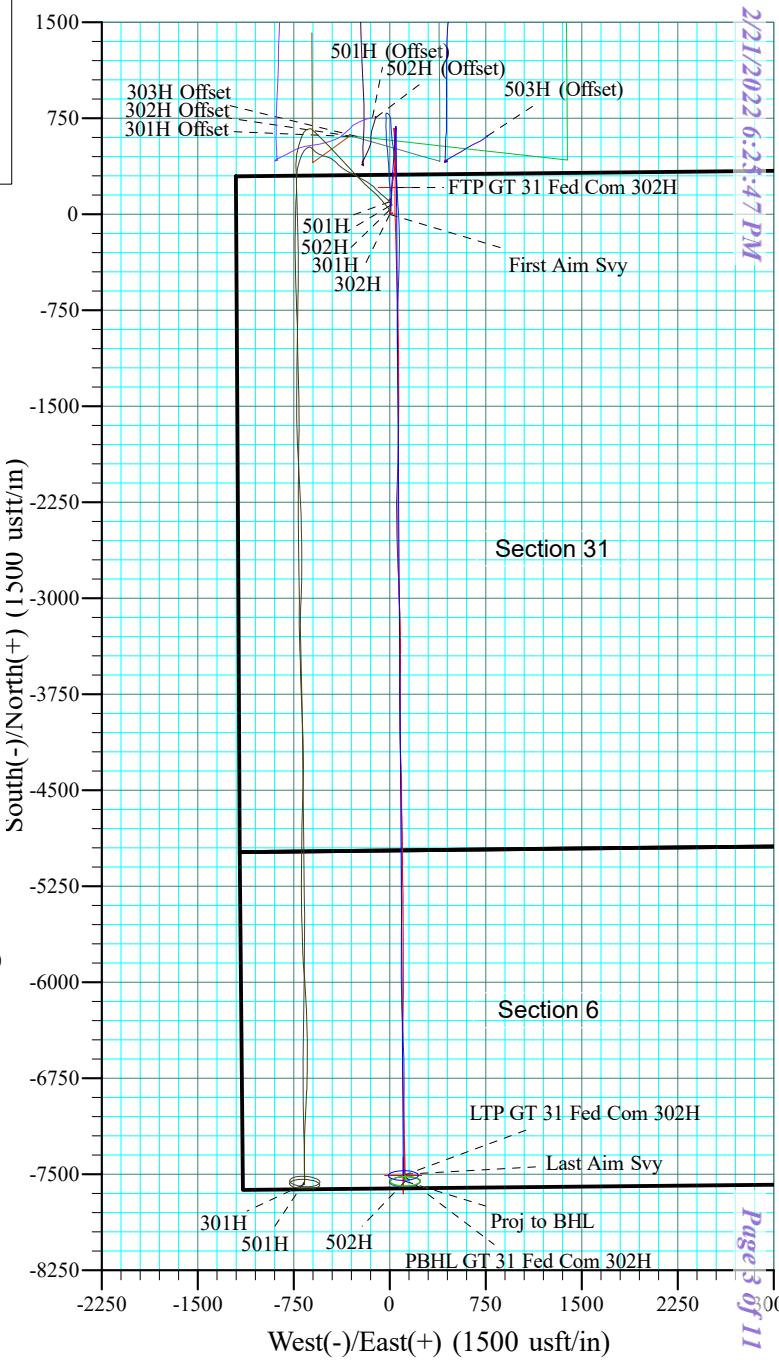
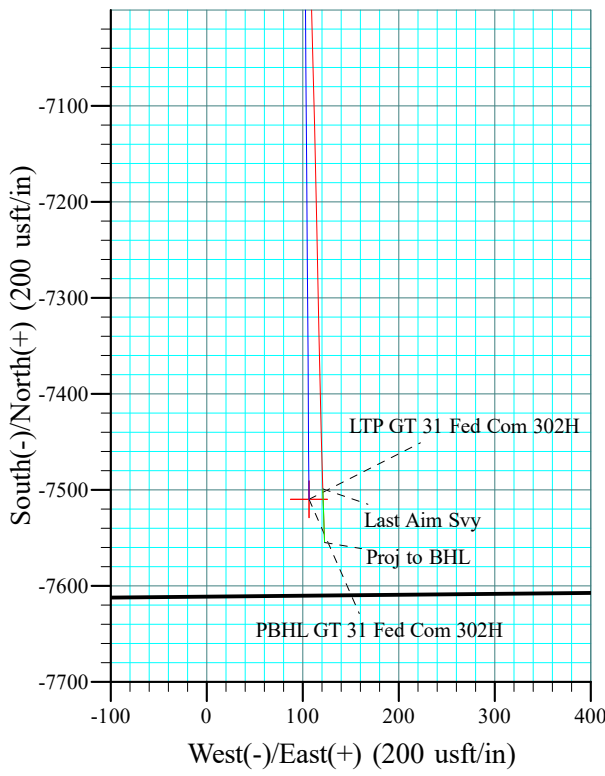
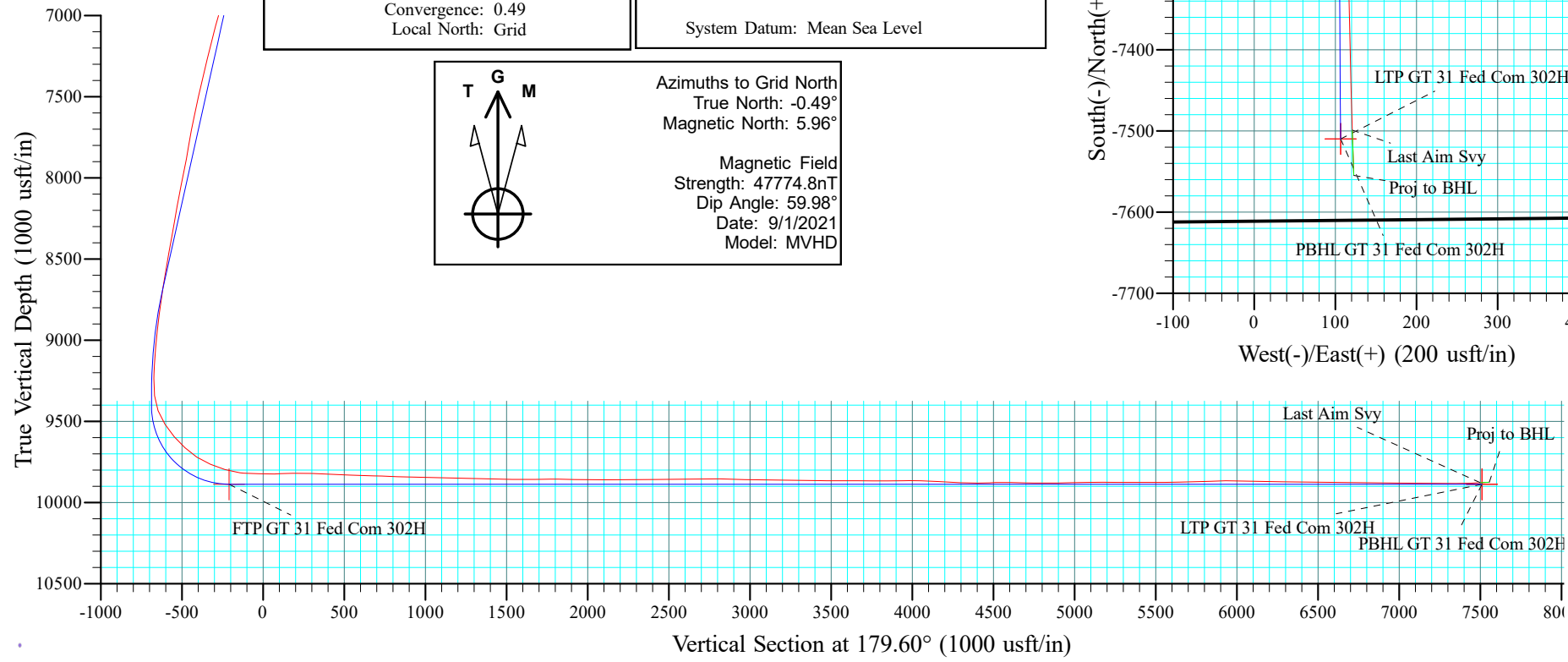
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

T
G
M

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

Magnetic Field
Strength: 47774.8nT
Dip Angle: 59.98°
Date: 9/1/2021
Model: MVHD





Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 302H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3481.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 302H	MD Reference:	Well @ 3481.00usft (H&P 642)
Well:	302H	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 302H		
Site Position:		Northing:	493,950.70 usft
From:	Map	Easting:	826,058.44 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 21' 16.454 N
		Longitude:	103° 24' 40.660 W
		Grid Convergence:	0.49 °

Well	302H		
Well Position	+N/-S	0.00 usft	Northing: 493,950.70 usft
	+E/-W	0.00 usft	Easting: 826,058.44 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 21' 16.454 N
		Longitude:	103° 24' 40.660 W
		Ground Level:	3,454.00 usft

Wellbore	Drilling		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	9/1/2021	6.45
			Dip Angle (°) 59.98
			Field Strength (nT) 47,774.845

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)
	0.00	0.00	0.00
			Direction (°) 179.60

Survey Program	Date	11/1/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
227.00	17,873.00	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
227.00	0.26	131.38	227.00	-0.34	0.39	0.34	0.115	0.115	0.000
First Aim Svy									
317.00	0.18	114.07	317.00	-0.53	0.67	0.54	0.115	-0.089	-19.233
408.00	0.18	100.79	408.00	-0.62	0.94	0.62	0.046	0.000	-14.593
497.00	0.31	39.80	497.00	-0.46	1.23	0.47	0.306	0.146	-68.528
679.00	0.13	80.14	679.00	-0.05	1.75	0.06	0.125	-0.099	22.165
770.00	0.26	86.56	770.00	-0.02	2.06	0.03	0.145	0.143	7.055
860.00	0.18	61.16	859.99	0.06	2.39	-0.05	0.138	-0.089	-28.222
951.00	0.26	67.13	950.99	0.21	2.70	-0.20	0.091	0.088	6.560
1,045.00	0.26	104.84	1,044.99	0.24	3.10	-0.22	0.179	0.000	40.117



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 302H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3481.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 302H	MD Reference:	Well @ 3481.00usft (H&P 642)
Well:	302H	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)
1,140.00	0.18	75.83	1,139.99	0.22	3.46	-0.20	0.142	-0.084	-30.537
1,235.00	0.13	354.53	1,234.99	0.37	3.59	-0.34	0.216	-0.053	-85.579
1,329.00	0.18	59.92	1,328.99	0.55	3.71	-0.52	0.184	0.053	69.564
1,424.00	0.18	45.42	1,423.99	0.73	3.94	-0.70	0.048	0.000	-15.263
1,518.00	0.22	207.14	1,517.99	0.67	3.97	-0.64	0.420	0.043	172.042
1,613.00	0.13	320.87	1,612.99	0.59	3.82	-0.56	0.313	-0.095	119.716
1,707.00	0.18	312.79	1,706.99	0.77	3.64	-0.75	0.058	0.053	-8.596
1,837.00	0.31	309.97	1,836.99	1.14	3.22	-1.12	0.100	0.100	-2.169
1,993.00	0.35	2.71	1,992.99	1.89	2.92	-1.87	0.189	0.026	33.808
2,088.00	0.66	42.00	2,087.98	2.58	3.30	-2.56	0.471	0.326	41.358
2,278.00	0.75	42.87	2,277.97	4.31	4.88	-4.27	0.048	0.047	0.458
2,372.00	0.75	46.39	2,371.96	5.18	5.74	-5.14	0.049	0.000	3.745
2,467.00	0.84	58.43	2,466.95	5.98	6.79	-5.93	0.199	0.095	12.674
2,562.00	0.79	55.27	2,561.94	6.71	7.92	-6.66	0.071	-0.053	-3.326
2,656.00	0.84	69.24	2,655.93	7.33	9.09	-7.26	0.217	0.053	14.862
2,751.00	0.97	72.67	2,750.92	7.81	10.51	-7.74	0.148	0.137	3.611
2,845.00	0.97	69.50	2,844.91	8.33	12.02	-8.24	0.057	0.000	-3.372
2,940.00	1.01	73.55	2,939.89	8.85	13.57	-8.75	0.085	0.042	4.263
3,034.00	1.10	80.67	3,033.88	9.23	15.26	-9.12	0.169	0.096	7.574
3,129.00	1.19	78.82	3,128.86	9.57	17.13	-9.45	0.102	0.095	-1.947
3,224.00	0.18	156.87	3,223.85	9.62	18.15	-9.49	1.227	-1.063	82.158
3,319.00	0.31	205.74	3,318.85	9.25	18.10	-9.13	0.247	0.137	51.442
3,508.00	0.44	110.02	3,507.85	8.54	18.56	-8.41	0.298	0.069	-50.645
3,603.00	1.01	85.41	3,602.84	8.49	19.74	-8.35	0.670	0.600	-25.905
3,698.00	1.49	80.67	3,697.82	8.75	21.79	-8.60	0.516	0.505	-4.989
3,793.00	0.04	82.51	3,792.81	8.96	23.04	-8.80	1.526	-1.526	1.937
3,888.00	0.48	276.22	3,887.81	9.01	22.68	-8.85	0.546	0.463	-175.042
3,982.00	0.09	269.19	3,981.80	9.05	22.21	-8.89	0.416	-0.415	-7.479
4,077.00	0.26	108.79	4,076.80	8.98	22.34	-8.82	0.364	0.179	-168.842
4,172.00	0.40	82.25	4,171.80	8.95	22.88	-8.79	0.214	0.147	-27.937
4,267.00	0.31	98.16	4,266.80	8.96	23.46	-8.80	0.140	-0.095	16.747
4,361.00	0.97	222.96	4,360.80	8.34	23.17	-8.18	1.250	0.702	132.766
4,456.00	1.41	230.17	4,455.78	7.00	21.72	-6.85	0.488	0.463	7.589
4,550.00	1.41	231.05	4,549.75	5.54	19.93	-5.40	0.023	0.000	0.936
4,645.00	1.32	235.35	4,644.72	4.18	18.13	-4.05	0.143	-0.095	4.526
4,740.00	1.19	246.25	4,739.70	3.16	16.32	-3.05	0.286	-0.137	11.474
4,834.00	0.97	248.80	4,833.68	2.48	14.69	-2.38	0.240	-0.234	2.713
4,929.00	1.01	248.71	4,928.67	1.88	13.16	-1.79	0.042	0.042	-0.095
5,024.00	0.88	247.31	5,023.65	1.30	11.70	-1.22	0.139	-0.137	-1.474
5,118.00	0.62	234.48	5,117.65	0.73	10.62	-0.65	0.328	-0.277	-13.649
5,213.00	0.48	235.09	5,212.64	0.20	9.88	-0.13	0.147	-0.147	0.642
5,308.00	0.31	260.32	5,307.64	-0.07	9.30	0.14	0.252	-0.179	26.558
5,403.00	0.26	260.23	5,402.64	-0.15	8.83	0.21	0.053	-0.053	-0.095



Aim Directional Services, LLC

Survey Report



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Well:	302H	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)
5,497.00	0.22	281.15	5,496.64	-0.15	8.45	0.21	0.102	-0.043	22.255
5,569.00	0.18	261.28	5,568.64	-0.14	8.20	0.20	0.110	-0.056	-27.597
5,678.00	2.24	259.70	5,677.61	-0.55	5.93	0.59	1.890	1.890	-1.450
5,773.00	2.68	25.12	5,772.56	1.13	5.05	-1.09	4.607	0.463	132.021
5,868.00	7.47	9.39	5,867.17	9.24	7.00	-9.19	5.204	5.042	-16.558
5,963.00	10.15	6.84	5,961.04	23.64	9.01	-23.58	2.850	2.821	-2.684
6,057.00	10.59	5.78	6,053.50	40.46	10.86	-40.39	0.510	0.468	-1.128
6,152.00	11.96	1.30	6,146.67	58.99	11.97	-58.90	1.711	1.442	-4.716
6,246.00	12.44	358.05	6,238.55	78.85	11.84	-78.76	0.891	0.511	-3.457
6,341.00	12.70	357.35	6,331.27	99.50	11.01	-99.42	0.317	0.274	-0.737
6,436.00	13.49	5.17	6,423.81	120.97	11.53	-120.89	2.040	0.832	8.232
6,530.00	14.55	6.49	6,515.01	143.62	13.85	-143.52	1.178	1.128	1.404
6,625.00	14.90	4.82	6,606.89	167.65	16.22	-167.53	0.579	0.368	-1.758
6,719.00	15.47	3.50	6,697.60	192.21	18.01	-192.08	0.709	0.606	-1.404
6,814.00	16.09	3.76	6,789.02	217.99	19.64	-217.85	0.657	0.653	0.274
6,909.00	15.03	7.81	6,880.54	243.33	22.18	-243.17	1.597	-1.116	4.263
7,004.00	15.12	8.86	6,972.27	267.78	25.76	-267.59	0.303	0.095	1.105
7,098.00	15.21	9.39	7,063.00	292.06	29.66	-291.84	0.176	0.096	0.564
7,193.00	14.07	8.16	7,154.91	315.78	33.33	-315.54	1.244	-1.200	-1.295
7,288.00	13.98	7.19	7,247.08	338.60	36.41	-338.34	0.265	-0.095	-1.021
7,382.00	13.67	5.43	7,338.36	360.92	38.88	-360.64	0.556	-0.330	-1.872
7,477.00	12.70	3.24	7,430.85	382.52	40.53	-382.23	1.148	-1.021	-2.305
7,572.00	12.26	1.39	7,523.61	403.03	41.37	-402.73	0.626	-0.463	-1.947
7,666.00	11.74	359.72	7,615.56	422.57	41.56	-422.27	0.665	-0.553	-1.777
7,761.00	11.12	358.84	7,708.67	441.40	41.33	-441.10	0.678	-0.653	-0.926
7,856.00	10.24	359.19	7,802.03	459.00	41.03	-458.70	0.929	-0.926	0.368
7,951.00	9.63	356.56	7,895.60	475.38	40.43	-475.08	0.800	-0.642	-2.768
8,045.00	11.65	1.48	7,987.98	492.71	40.20	-492.42	2.354	2.149	5.234
8,140.00	11.69	1.21	8,081.02	511.92	40.65	-511.63	0.071	0.042	-0.284
8,235.00	10.11	359.37	8,174.30	529.89	40.77	-529.59	1.703	-1.663	-1.937
8,330.00	9.27	355.41	8,267.95	545.85	40.06	-545.56	1.128	-0.884	-4.168
8,425.00	9.89	358.31	8,361.62	561.63	39.21	-561.35	0.827	0.653	3.053
8,520.00	10.73	358.40	8,455.09	578.63	38.72	-578.34	0.884	0.884	0.095
8,614.00	10.02	356.73	8,547.55	595.54	38.01	-595.26	0.820	-0.755	-1.777
8,709.00	8.79	353.83	8,641.27	611.01	36.76	-610.74	1.387	-1.295	-3.053
8,804.00	8.66	353.30	8,735.17	625.33	35.14	-625.07	0.161	-0.137	-0.558
8,899.00	7.47	355.33	8,829.23	638.59	33.81	-638.34	1.288	-1.253	2.137
8,993.00	6.07	358.49	8,922.57	649.65	33.18	-649.40	1.541	-1.489	3.362
9,088.00	4.97	358.05	9,017.13	658.78	32.91	-658.53	1.159	-1.158	-0.463
9,183.00	4.84	354.71	9,111.78	666.88	32.40	-666.64	0.330	-0.137	-3.516
9,278.00	1.36	17.30	9,206.63	671.95	32.36	-671.71	3.813	-3.663	23.779
9,308.00	1.05	45.86	9,236.63	672.48	32.67	-672.24	2.220	-1.033	95.200
9,414.00	5.27	156.25	9,342.48	668.70	35.33	-668.44	5.397	3.981	104.141



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 302H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3481.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 302H	MD Reference:	Well @ 3481.00usft (H&P 642)
Well:	302H	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)
9,509.00	21.63	170.84	9,434.58	647.27	39.90	-646.98	17.453	17.221	15.358
9,603.00	32.26	176.56	9,518.27	605.00	44.18	-604.68	11.628	11.308	6.085
9,698.00	41.41	179.02	9,594.23	548.15	46.24	-547.82	9.754	9.632	2.589
9,793.00	46.37	179.63	9,662.67	482.32	47.00	-481.98	5.240	5.221	0.642
9,887.00	57.27	181.39	9,720.69	408.55	46.26	-408.21	11.688	11.596	1.872
9,982.00	67.74	182.27	9,764.49	324.44	43.54	-324.13	11.051	11.021	0.926
10,077.00	71.38	180.77	9,797.66	235.47	41.19	-235.18	4.107	3.832	-1.579
10,121.55	77.40	180.18	9,809.64	192.58	40.84	-192.29	13.575	13.514	-1.329
FTP GT 31 Fed Com 302H									
10,172.00	84.22	179.54	9,817.69	142.81	40.97	-142.52	13.575	13.517	-1.265
10,195.00	85.93	179.72	9,819.67	119.90	41.12	-119.61	7.476	7.435	0.783
10,289.00	89.10	179.10	9,823.74	26.00	42.08	-25.71	3.436	3.372	-0.660
10,384.00	90.24	178.40	9,824.29	-68.97	44.16	69.28	1.408	1.200	-0.737
10,479.00	91.52	177.61	9,822.83	-163.90	47.46	164.23	1.583	1.347	-0.832
10,573.00	90.59	178.93	9,821.10	-257.84	50.30	258.18	1.718	-0.989	1.404
10,667.00	88.09	178.84	9,822.18	-351.81	52.13	352.16	2.661	-2.660	-0.096
10,762.00	86.37	178.67	9,826.78	-446.67	54.19	447.04	1.819	-1.811	-0.179
10,857.00	87.21	178.40	9,832.09	-541.49	56.62	541.87	0.929	0.884	-0.284
10,951.00	89.05	177.70	9,835.16	-635.38	59.81	635.78	2.094	1.957	-0.745
11,046.00	87.69	178.23	9,837.86	-730.28	63.18	730.70	1.536	-1.432	0.558
11,141.00	88.31	178.93	9,841.18	-825.19	65.54	825.63	0.984	0.653	0.737
11,235.00	89.05	179.46	9,843.35	-919.15	66.86	919.60	0.968	0.787	0.564
11,330.00	88.04	179.28	9,845.76	-1,014.12	67.90	1,014.57	1.080	-1.063	-0.189
11,425.00	89.14	178.84	9,848.09	-1,109.07	69.46	1,109.53	1.247	1.158	-0.463
11,519.00	88.04	180.25	9,850.41	-1,203.04	70.21	1,203.50	1.902	-1.170	1.500
11,614.00	89.01	180.07	9,852.85	-1,298.01	69.94	1,298.46	1.038	1.021	-0.189
11,709.00	88.92	180.16	9,854.57	-1,392.99	69.75	1,393.44	0.134	-0.095	0.095
11,804.00	88.26	180.42	9,856.91	-1,487.96	69.27	1,488.41	0.747	-0.695	0.274
11,898.00	89.27	180.07	9,858.93	-1,581.93	68.87	1,582.38	1.137	1.074	-0.372
11,993.00	91.65	179.54	9,858.17	-1,676.92	69.19	1,677.37	2.567	2.505	-0.558
12,087.00	90.15	180.07	9,856.69	-1,770.91	69.51	1,771.35	1.692	-1.596	0.564
12,181.00	88.44	180.42	9,857.85	-1,864.90	69.11	1,865.33	1.857	-1.819	0.372
12,276.00	90.11	181.13	9,859.05	-1,959.88	67.82	1,960.30	1.910	1.758	0.747
12,371.00	89.05	180.16	9,859.75	-2,054.87	66.75	2,055.28	1.512	-1.116	-1.021
12,466.00	89.71	181.13	9,860.78	-2,149.85	65.69	2,150.26	1.235	0.695	1.021
12,561.00	90.77	180.86	9,860.38	-2,244.84	64.04	2,245.23	1.151	1.116	-0.284
12,655.00	89.89	179.90	9,859.84	-2,338.83	63.41	2,339.22	1.385	-0.936	-1.021
12,750.00	91.91	180.25	9,858.35	-2,433.81	63.29	2,434.20	2.158	2.126	0.368
12,845.00	90.64	179.10	9,856.23	-2,528.79	63.83	2,529.17	1.803	-1.337	-1.211
12,940.00	89.27	178.84	9,856.31	-2,623.77	65.53	2,624.16	1.468	-1.442	-0.274
13,035.00	91.38	179.63	9,855.77	-2,718.75	66.80	2,719.15	2.372	2.221	0.832
13,130.00	89.89	178.58	9,854.71	-2,813.73	68.29	2,814.14	1.919	-1.568	-1.105
13,224.00	87.52	178.23	9,856.84	-2,907.66	70.90	2,908.09	2.549	-2.521	-0.372
13,318.00	88.04	177.43	9,860.48	-3,001.52	74.46	3,001.97	1.015	0.553	-0.851



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 302H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3481.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 302H	MD Reference:	Well @ 3481.00usft (H&P 642)
Well:	302H	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)
13,412.00	90.29	177.35	9,861.85	-3,095.41	78.74	3,095.88	2.395	2.394	-0.085
13,506.00	89.41	178.84	9,862.10	-3,189.35	81.86	3,189.85	1.841	-0.936	1.585
13,600.00	88.84	179.37	9,863.53	-3,283.33	83.33	3,283.83	0.828	-0.606	0.564
13,695.00	89.76	179.46	9,864.69	-3,378.32	84.30	3,378.82	0.973	0.968	0.095
13,789.00	88.26	180.34	9,866.32	-3,472.30	84.47	3,472.81	1.850	-1.596	0.936
13,884.00	91.16	180.42	9,866.80	-3,567.29	83.84	3,567.79	3.054	3.053	0.084
13,978.00	89.58	180.95	9,866.19	-3,661.27	82.71	3,661.76	1.773	-1.681	0.564
14,073.00	88.62	180.51	9,867.68	-3,756.25	81.50	3,756.73	1.112	-1.011	-0.463
14,167.00	91.78	180.07	9,867.35	-3,850.24	81.03	3,850.71	3.394	3.362	-0.468
14,261.00	89.76	179.54	9,866.09	-3,944.23	81.35	3,944.70	2.222	-2.149	-0.564
14,356.00	89.67	179.37	9,866.56	-4,039.22	82.25	4,039.70	0.202	-0.095	-0.179
14,451.00	86.11	179.28	9,870.06	-4,134.13	83.37	4,134.62	3.749	-3.747	-0.095
14,546.00	87.25	178.58	9,875.56	-4,228.96	85.14	4,229.45	1.408	1.200	-0.737
14,640.00	88.53	178.49	9,879.02	-4,322.86	87.54	4,323.37	1.365	1.362	-0.096
14,735.00	90.81	178.05	9,879.57	-4,417.81	90.41	4,418.33	2.444	2.400	-0.463
14,830.00	91.21	179.46	9,877.90	-4,512.77	92.47	4,513.30	1.543	0.421	1.484
14,925.00	89.10	179.46	9,877.64	-4,607.76	93.37	4,608.30	2.221	-2.221	0.000
15,019.00	88.84	179.19	9,879.33	-4,701.74	94.47	4,702.28	0.399	-0.277	-0.287
15,114.00	89.98	178.93	9,880.31	-4,796.72	96.03	4,797.27	1.231	1.200	-0.274
15,209.00	90.37	178.49	9,880.02	-4,891.69	98.17	4,892.26	0.619	0.411	-0.463
15,304.00	90.99	180.16	9,878.89	-4,986.68	99.29	4,987.25	1.875	0.653	1.758
15,398.00	91.74	179.81	9,876.65	-5,080.65	99.32	5,081.22	0.880	0.798	-0.372
15,493.00	89.27	179.02	9,875.81	-5,175.63	100.29	5,176.20	2.730	-2.600	-0.832
15,587.00	89.58	178.31	9,876.76	-5,269.60	102.48	5,270.19	0.824	0.330	-0.755
15,681.00	90.99	179.54	9,876.29	-5,363.58	104.24	5,364.17	1.990	1.500	1.309
15,776.00	88.88	180.25	9,876.40	-5,458.57	104.41	5,459.17	2.343	-2.221	0.747
15,870.00	91.03	179.46	9,876.47	-5,552.57	104.65	5,553.16	2.437	2.287	-0.840
15,964.00	90.86	179.98	9,874.92	-5,646.55	105.11	5,647.15	0.582	-0.181	0.553
16,059.00	91.47	179.63	9,872.99	-5,741.53	105.43	5,742.13	0.740	0.642	-0.368
16,154.00	92.62	179.02	9,869.60	-5,836.46	106.55	5,837.06	1.370	1.211	-0.642
16,249.00	90.64	179.46	9,866.90	-5,931.41	107.81	5,932.02	2.135	-2.084	0.463
16,344.00	88.18	180.86	9,867.87	-6,026.39	107.55	6,027.00	2.979	-2.589	1.474
16,438.00	89.54	181.30	9,869.74	-6,120.36	105.77	6,120.95	1.521	1.447	0.468
16,533.00	88.88	181.21	9,871.05	-6,215.32	103.69	6,215.90	0.701	-0.695	-0.095
16,628.00	89.58	180.77	9,872.33	-6,310.30	102.05	6,310.86	0.870	0.737	-0.463
16,722.00	88.00	180.34	9,874.32	-6,404.27	101.14	6,404.82	1.742	-1.681	-0.457
16,817.00	90.20	180.51	9,875.81	-6,499.25	100.44	6,499.79	2.323	2.316	0.179
16,912.00	88.79	179.81	9,876.64	-6,594.24	100.17	6,594.78	1.657	-1.484	-0.737
17,006.00	88.88	178.49	9,878.56	-6,688.21	101.57	6,688.76	1.407	0.096	-1.404
17,101.00	90.02	178.14	9,879.47	-6,783.17	104.36	6,783.73	1.255	1.200	-0.368
17,195.00	90.20	178.84	9,879.29	-6,877.13	106.84	6,877.71	0.769	0.191	0.745
17,290.00	88.84	178.84	9,880.08	-6,972.11	108.76	6,972.70	1.432	-1.432	0.000
17,384.00	90.24	178.49	9,880.84	-7,066.08	110.95	7,066.68	1.535	1.489	-0.372



Aim Directional Services, LLC

Survey Report



Company:	Avant Operating, LLC	Local Co-ordinate Reference:	Well 302H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	Well @ 3481.00usft (H&P 642)
Site:	Golden Tee 31 Fed Com 302H	MD Reference:	Well @ 3481.00usft (H&P 642)
Well:	302H	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)
17,479.00	88.62	178.67	9,881.78	-7,161.04	113.30	7,161.66	1.716	-1.705	0.189
17,573.00	89.41	178.84	9,883.40	-7,255.00	115.35	7,255.63	0.860	0.840	0.181
17,667.00	90.07	178.84	9,883.83	-7,348.98	117.25	7,349.62	0.702	0.702	0.000
17,762.00	92.92	178.58	9,881.35	-7,443.92	119.39	7,444.57	3.012	3.000	-0.274
17,817.00	92.75	178.14	9,878.63	-7,498.83	120.96	7,499.49	0.857	-0.309	-0.800
Last Aim Svy - PBHL GT 31 Fed Com 302H - LTP GT 31 Fed Com 302H									
17,873.00	92.75	178.14	9,875.94	-7,554.73	122.77	7,555.40	0.000	0.000	0.000
Proj to BHL									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
227.00	227.00	-0.34	0.39	First Aim Svy
17,817.00	9,878.63	-7,498.83	120.96	Last Aim Svy
17,873.00	9,875.94	-7,554.73	122.77	Proj to BHL

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 83055

ACKNOWLEDGMENTS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 83055
	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
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 83055

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 83055
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 5/18/2022.	4/7/2022