



Company: Jay Bee Oil and Gas, LLC
 Well: Gorby 4
 Location: Tyler, West Virginia
 Rig: Falcon 39
 API No: 47-095-02796-00-00
 Start Date: 11/09/22 Start Depth: 386

Job Number: 70560 Calculation Method: Minimum Curvature
 Magnetic Declination: -7.64 Proposed Azimuth: 332.74
 Grid Correction: -0.82 Depth Ref: RKB 1279 ft Plan # 5
 Total Correction: -6.82 Field: Appalachain, Marcellus
 North reference: Grid Location Lat/Long: 39.4674818, -80.7974949
 End Date: 11/21/22 End Depth: 11503

Survey Tool Type	Bit Depth (ft)	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Local Coordinates (+N/-S) (+E/-W)		Closure Distance (ft) Angle (deg)		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
TIP	349.67	349.67	2.47	204.57	S 24.6 W	0	349.40	-8.75	-10.43	-1.12	0	0	0	0	0	0
1st Svy	434	434	2.00	202.31	S 22.3 W	84	433.67	-10.84	-13.44	-2.43	13.66	190.26	0.57	-0.56	-2.68	0
Velocity	566	477	2.44	198.75	S 18.8 W	43	476.63	-11.96	-15.00	-3.01	15.30	191.36	1.07	1.02	-8.28	1
Velocity	609	520	3.07	195.45	S 15.5 W	43	519.58	-13.44	-16.98	-3.61	17.36	192.02	1.51	1.47	-7.67	1
Velocity	653	564	3.89	186.99	S 7.0 W	44	563.50	-15.54	-19.60	-4.11	20.02	191.84	2.19	1.86	-19.23	1
Velocity	696	607	4.95	179.20	S 0.8 E	43	606.37	-18.41	-22.90	-4.26	23.29	190.54	2.83	2.47	-18.12	1
Velocity	738	649	5.96	178.57	S 1.4 E	42	648.18	-21.99	-26.89	-4.18	27.22	188.84	2.41	2.40	-1.50	1
Velocity	780	691	5.82	177.67	S 2.3 E	42	689.96	-25.88	-31.20	-4.04	31.46	187.38	0.40	-0.33	-2.14	1
Velocity	823	734	4.71	180.21	S 0.2 W	43	732.78	-29.43	-35.14	-3.96	35.37	186.43	2.64	-2.58	5.91	1
Velocity	866	777	3.46	185.32	S 5.3 W	43	775.67	-32.09	-38.20	-4.09	38.42	186.10	3.02	-2.91	11.88	1
Velocity	909	820	2.46	193.57	S 13.6 W	43	818.61	-33.88	-40.39	-4.42	40.63	186.25	2.52	-2.33	19.19	1
Velocity	952	863	2.51	196.48	S 16.5 W	43	861.57	-35.26	-42.19	-4.91	42.48	186.63	0.32	0.12	6.77	1
Velocity	995	906	1.96	202.80	S 22.8 W	43	904.54	-36.41	-43.77	-5.46	44.11	187.11	1.40	-1.28	14.70	1
Velocity	1038	949	1.10	215.75	S 35.8 W	43	947.52	-37.07	-44.78	-5.98	45.18	187.61	2.14	-2.00	30.12	1
Velocity	1081	992	1.00	226.14	S 46.1 W	43	990.52	-37.36	-45.38	-6.50	45.84	188.15	0.50	-0.23	24.16	1
Velocity	1123	1034	0.91	220.59	S 40.6 W	42	1032.51	-37.60	-45.89	-6.98	46.41	188.65	0.31	-0.21	-13.21	1
Velocity	1166	1077	1.05	215.55	S 35.6 W	43	1075.50	-37.90	-46.47	-7.43	47.06	189.08	0.38	0.33	-11.72	1
Velocity	1209	1120	0.91	212.73	S 32.7 W	43	1118.50	-38.25	-47.07	-7.84	47.72	189.46	0.34	-0.33	-6.56	1
Velocity	1252	1163	0.92	220.39	S 40.4 W	43	1161.49	-38.56	-47.62	-8.25	48.33	189.83	0.29	0.02	17.81	1
Velocity	1295	1206	0.60	230.88	S 50.9 W	43	1204.49	-38.73	-48.03	-8.65	48.80	190.21	0.81	-0.74	24.40	1
Velocity	1338	1249	0.35	294.67	N 65.3 W	43	1247.49	-38.68	-48.12	-8.94	48.94	190.53	1.27	-0.58	148.35	1
Velocity	1381	1292	0.56	323.30	N 36.7 W	43	1290.49	-38.37	-47.89	-9.19	48.77	190.86	0.71	0.49	66.58	1
Velocity	1424	1335	0.62	324.55	N 35.5 W	43	1333.48	-37.93	-47.54	-9.45	48.47	191.24	0.14	0.14	2.91	1
Velocity	1467	1378	0.73	336.74	N 23.3 W	43	1376.48	-37.43	-47.09	-9.69	48.08	191.63	0.42	0.26	28.35	1
Velocity	1510	1421	0.76	337.90	N 22.1 W	43	1419.48	-36.87	-46.58	-9.91	47.62	192.01	0.08	0.07	2.70	1
Velocity	1553	1464	0.71	358.47	N 1.5 W	43	1462.47	-36.34	-46.05	-10.02	47.13	192.28	0.62	-0.12	47.84	1
Velocity	1596	1507	0.58	1.37	N 1.4 E	43	1505.47	-35.91	-45.56	-10.02	46.65	192.41	0.31	-0.30	6.74	1
Velocity	1639	1550	0.60	5.18	N 5.2 E	43	1548.47	-35.53	-45.12	-10.00	46.22	192.49	0.10	0.05	8.86	1
Velocity	1682	1593	0.63	7.96	N 8.0 E	43	1591.47	-35.15	-44.66	-9.94	45.76	192.55	0.10	0.07	6.47	1
Velocity	1725	1636	0.71	4.36	N 4.4 E	43	1634.46	-34.73	-44.16	-9.89	45.26	192.62	0.21	0.19	-8.37	1
Velocity	1769	1680	0.79	16.77	N 16.8 E	44	1678.46	-34.28	-43.60	-9.78	44.69	192.65	0.41	0.18	28.20	1
Velocity	1812	1723	0.60	11.35	N 11.4 E	43	1721.46	-33.89	-43.10	-9.65	44.17	192.62	0.47	-0.44	-12.60	1
Velocity	1855	1766	0.41	0.88	N 0.9 E	43	1764.45	-33.58	-42.72	-9.61	43.79	192.67	0.49	-0.44	-24.35	1

Velocity	1898	1809	0.22	353.99	N 6.0 W	43	1807.45	-33.37	-42.49	-9.61	43.56	192.75	0.45	-0.44	-16.02	1
Velocity	1942	1853	0.15	320.43	N 39.6 W	44	1851.45	-33.23	-42.36	-9.66	43.45	192.84	0.29	-0.16	-76.27	1
Velocity	1985	1896	0.18	280.41	N 79.6 W	43	1894.45	-33.13	-42.30	-9.76	43.41	192.99	0.27	0.07	-93.07	1
Velocity	2028	1939	0.11	217.20	S 37.2 W	43	1937.45	-33.11	-42.32	-9.85	43.46	193.10	0.38	-0.16	-147.00	1
Velocity	2071	1982	0.34	171.92	S 8.1 E	43	1980.45	-33.25	-42.48	-9.86	43.61	193.07	0.64	0.53	-105.30	1
Velocity	2114	2025	0.60	154.52	S 25.5 E	43	2023.45	-33.59	-42.81	-9.74	43.91	192.82	0.68	0.60	-40.47	1
Velocity	2157	2068	1.15	144.18	S 35.8 E	43	2066.45	-34.25	-43.37	-9.39	44.37	192.22	1.33	1.28	-24.05	1
Velocity	2200	2111	2.14	132.39	S 47.6 E	43	2109.43	-35.43	-44.26	-8.55	45.08	190.93	2.42	2.30	-27.42	1
Velocity	2243	2154	2.98	128.81	S 51.2 E	43	2152.38	-37.20	-45.50	-7.09	46.05	188.85	1.99	1.95	-8.33	1
Velocity	2286	2197	3.79	127.49	S 52.5 E	43	2195.31	-39.51	-47.06	-5.09	47.34	186.17	1.89	1.88	-3.07	1
Velocity	2329	2240	4.60	124.44	S 55.6 E	43	2238.19	-42.31	-48.90	-2.54	48.97	182.97	1.95	1.88	-7.09	1
Velocity	2373	2284	5.47	124.06	S 55.9 E	44	2282.02	-45.70	-51.08	0.66	51.08	179.26	1.98	1.98	-0.86	1
Velocity	2416	2327	5.94	122.44	S 57.6 E	43	2324.81	-49.42	-53.42	4.23	53.59	175.47	1.16	1.09	-3.77	1
Velocity	2459	2370	6.48	120.28	S 59.7 E	43	2367.56	-53.39	-55.84	8.20	56.43	171.64	1.37	1.26	-5.02	1
Velocity	2503	2414	6.96	117.94	S 62.1 E	44	2411.26	-57.68	-58.34	12.70	59.70	167.71	1.26	1.09	-5.32	1
Velocity	2547	2458	6.51	120.51	S 59.5 E	44	2454.95	-61.97	-60.85	17.21	63.24	164.21	1.23	-1.02	5.84	1
Velocity	2620	2541	4.48	143.53	S 36.5 E	83	2537.58	-69.16	-65.85	23.19	69.81	160.60	3.56	-2.45	27.73	2
Velocity	2706	2627	4.27	147.81	S 32.2 E	86	2623.33	-75.66	-71.26	26.89	76.16	159.32	0.45	-0.24	4.98	2
Velocity	2749	2670	4.16	146.94	S 33.1 E	43	2666.21	-78.81	-73.92	28.60	79.26	158.85	0.30	-0.26	-2.02	2
Velocity	2792	2713	4.04	144.22	S 35.8 E	43	2709.10	-81.86	-76.46	30.33	82.25	158.36	0.53	-0.28	-6.33	2
Velocity	2836	2757	4.79	132.91	S 47.1 E	44	2752.97	-85.12	-78.96	32.58	85.42	157.58	2.60	1.70	-25.70	2
Velocity	2880	2801	5.28	126.85	S 53.2 E	44	2796.80	-88.67	-81.43	35.55	88.85	156.42	1.64	1.11	-13.77	2
Velocity	2925	2846	5.68	126.94	S 53.1 E	45	2841.59	-92.54	-84.01	38.99	92.62	155.11	0.89	0.89	0.20	2
Velocity	2968	2889	6.07	125.99	S 54.0 E	43	2884.37	-96.48	-86.62	42.53	96.50	153.85	0.93	0.91	-2.21	2
Velocity	3010	2931	5.64	132.21	S 47.8 E	42	2926.15	-100.40	-89.32	45.85	100.40	152.83	1.82	-1.02	14.81	2
Velocity	3054	2975	5.59	134.30	S 45.7 E	44	2969.94	-104.46	-92.27	48.99	104.46	152.03	0.48	-0.11	4.75	2
Velocity	3097	3018	5.58	131.14	S 48.9 E	43	3012.73	-108.39	-95.10	52.06	108.42	151.30	0.72	-0.02	-7.35	2
Velocity	3141	3062	5.43	128.39	S 51.6 E	44	3056.53	-112.27	-97.80	55.30	112.36	150.51	0.69	-0.34	-6.25	2
Velocity	3185	3106	5.34	134.86	S 45.1 E	44	3100.34	-116.12	-100.54	58.39	116.26	149.86	1.39	-0.20	14.70	2
Velocity	3229	3150	5.12	134.67	S 45.3 E	44	3144.15	-119.93	-103.37	61.23	120.14	149.36	0.50	-0.50	-0.43	2
Velocity	3273	3194	4.82	138.26	S 41.7 E	44	3187.99	-123.59	-106.13	63.86	123.86	148.96	0.98	-0.68	8.16	2
Velocity	3317	3238	4.65	140.56	S 39.4 E	44	3231.84	-127.12	-108.88	66.22	127.44	148.69	0.58	-0.39	5.23	2
Velocity	3402	3323	4.22	134.88	S 45.1 E	85	3316.58	-133.47	-113.75	70.63	133.89	148.16	0.72	-0.51	-6.68	2
Velocity	3489	3410	3.83	136.70	S 43.3 E	87	3403.37	-139.31	-118.12	74.89	139.86	147.63	0.47	-0.45	2.09	2
Velocity	3578	3499	4.25	145.72	S 34.3 E	89	3492.15	-145.44	-123.01	78.79	146.08	147.36	0.85	0.47	10.13	2
Velocity	3663	3584	4.14	144.85	S 35.2 E	85	3576.92	-151.60	-128.12	82.33	152.29	147.28	0.15	-0.13	-1.02	2
Velocity	3751	3672	4.65	140.84	S 39.2 E	88	3664.66	-158.24	-133.49	86.41	159.01	147.08	0.68	0.58	-4.56	2
Velocity	3839	3760	5.38	137.50	S 42.5 E	88	3752.32	-165.71	-139.29	91.45	166.63	146.71	0.89	0.83	-3.80	2
Velocity	3926	3847	5.28	131.27	S 48.7 E	87	3838.95	-173.37	-144.94	97.21	174.52	146.15	0.67	-0.11	-7.16	2
Velocity	4012	3933	5.22	135.33	S 44.7 E	86	3924.59	-180.78	-150.33	102.94	182.20	145.60	0.44	-0.07	4.72	2
Velocity	4098	4019	5.25	144.21	S 35.8 E	86	4010.23	-188.41	-156.31	107.99	189.98	145.36	0.94	0.03	10.33	2
Velocity	4185	4106	4.81	142.39	S 37.6 E	87	4096.90	-195.93	-162.43	112.54	197.60	145.28	0.54	-0.51	-2.09	2
Velocity	4270	4191	4.00	133.95	S 46.1 E	85	4181.65	-202.25	-167.31	116.85	204.07	145.07	1.22	-0.95	-9.93	2

Velocity	4359	4280	4.18	136.13	S 43.9 E	89	4270.42	-208.29	-171.80	121.33	210.32	144.77	0.27	0.20	2.45	2
Velocity	4445	4366	3.62	132.64	S 47.4 E	86	4356.22	-213.85	-175.90	125.50	216.08	144.49	0.71	-0.65	-4.06	2
Velocity	4531	4452	4.07	136.59	S 43.4 E	86	4442.03	-219.33	-179.95	129.60	221.76	144.24	0.61	0.52	4.59	2
Velocity	4616	4537	3.90	130.64	S 49.4 E	85	4526.82	-224.90	-184.03	133.86	227.56	143.97	0.53	-0.20	-7.00	2
Velocity	4702	4623	3.87	128.74	S 51.3 E	86	4612.62	-230.26	-187.75	138.35	233.22	143.61	0.15	-0.03	-2.21	2
Velocity	4787	4708	4.39	131.06	S 48.9 E	85	4697.40	-235.91	-191.68	143.04	239.17	143.27	0.64	0.61	2.73	2
Velocity	4876	4797	4.96	136.87	S 43.1 E	89	4786.11	-242.77	-196.73	148.24	246.32	143.00	0.83	0.64	6.53	2
Velocity	5002	4923	5.84	136.56	S 43.4 E	126	4911.55	-254.17	-205.36	156.37	258.11	142.71	0.70	0.70	-0.25	2
Velocity	5133	5054	5.82	135.50	S 44.5 E	131	5041.87	-266.91	-214.93	165.61	271.33	142.39	0.08	-0.02	-0.81	2
Velocity	5261	5182	5.94	137.41	S 42.6 E	128	5169.19	-279.50	-224.44	174.64	284.38	142.11	0.18	0.09	1.49	2
Velocity	5390	5311	6.06	138.71	S 41.3 E	129	5297.49	-292.54	-234.47	183.65	297.83	141.93	0.14	0.09	1.01	2
Velocity	5520	5441	6.29	138.87	S 41.1 E	130	5426.73	-306.11	-244.99	192.86	311.79	141.79	0.18	0.18	0.12	2
Velocity	5646	5567	5.13	130.22	S 49.8 E	126	5552.11	-318.02	-253.82	201.70	324.21	141.53	1.14	-0.92	-6.87	2
Velocity	5774	5695	5.73	135.97	S 44.0 E	128	5679.53	-329.42	-262.11	210.51	336.18	141.23	0.63	0.47	4.49	2
Velocity	5905	5826	4.60	128.92	S 51.1 E	131	5810.00	-340.49	-270.12	219.14	347.83	140.95	0.99	-0.86	-5.38	2
Velocity	6033	5954	5.65	134.73	S 45.3 E	128	5937.49	-351.18	-277.78	227.62	359.12	140.67	0.91	0.82	4.54	2
Velocity	6164	6085	4.59	123.65	S 56.4 E	131	6067.97	-361.89	-285.22	236.56	370.55	140.33	1.10	-0.81	-8.46	2
Velocity	6207	6128	4.23	120.47	S 59.5 E	43	6110.84	-364.74	-286.98	239.36	373.70	140.17	1.01	-0.84	-7.40	2
Velocity	6294	6215	2.43	98.35	S 81.7 E	87	6197.69	-368.52	-288.87	243.95	378.10	139.82	2.51	-2.07	-25.43	2
Velocity	6337	6258	3.28	17.51	N 17.5 E	43	6240.65	-368.18	-287.83	245.22	378.13	139.57	8.74	1.98	-188.00	2
Velocity	6422	6343	10.93	351.25	N 8.8 W	85	6324.95	-358.80	-277.53	244.73	370.02	138.59	9.55	9.00	-30.89	2
Velocity	6465	6386	14.66	344.07	N 15.9 W	43	6366.88	-349.59	-268.26	242.61	361.70	137.87	9.41	8.67	-16.70	2
Velocity	6508	6429	18.05	340.37	N 19.6 W	43	6408.14	-337.65	-256.75	238.88	350.69	137.07	8.24	7.88	-8.60	2
Velocity	6551	6472	21.15	337.95	N 22.1 W	43	6448.64	-323.32	-243.29	233.73	337.37	136.15	7.45	7.21	-5.63	2
Velocity	6594	6515	24.12	335.20	N 24.8 W	43	6488.33	-306.81	-228.12	227.13	321.91	135.12	7.33	6.91	-6.40	2
Velocity	6620	6552	26.60	334.00	N 26.0 W	37	6521.76	-290.98	-213.81	220.33	307.01	134.14	6.84	6.70	-3.24	3
Velocity	6663	6595	28.43	332.00	N 28.0 W	43	6559.89	-271.11	-196.11	211.30	288.28	132.87	4.77	4.26	-4.65	3
Velocity	6706	6638	31.36	328.64	N 31.4 W	43	6597.17	-249.71	-177.52	200.67	267.92	131.50	7.85	6.81	-7.81	3
Velocity	6748	6680	34.35	325.47	N 34.5 W	42	6632.45	-227.05	-158.42	188.26	246.04	130.08	8.21	7.12	-7.55	3
Velocity	6791	6723	40.16	324.04	N 36.0 W	43	6666.66	-201.29	-137.18	173.23	220.97	128.38	13.66	13.51	-3.33	4
Velocity	6834	6766	43.20	324.37	N 35.6 W	43	6698.77	-173.01	-113.99	156.51	193.62	126.07	7.09	7.07	0.77	4
Velocity	6877	6809	46.53	325.03	N 35.0 W	43	6729.25	-142.98	-89.23	138.99	165.17	122.70	7.82	7.74	1.53	4
Velocity	6921	6853	49.42	327.58	N 32.4 W	44	6758.70	-110.51	-62.04	120.87	135.86	117.17	7.85	6.57	5.80	4
Velocity	6963	6895	52.52	328.55	N 31.5 W	42	6785.15	-78.00	-34.35	103.62	109.17	108.34	7.60	7.38	2.31	4
Velocity	7006	6938	56.73	331.05	N 29.0 W	43	6810.04	-42.99	-4.05	86.01	86.10	92.69	10.88	9.79	5.81	4
Velocity	7048	6980	61.79	332.96	N 27.0 W	42	6831.50	-6.91	27.82	69.08	74.48	68.06	12.66	12.05	4.55	4
Velocity	7090	7022	64.69	333.49	N 26.5 W	42	6850.41	30.59	61.30	52.19	80.51	40.41	7.00	6.90	1.26	4
Velocity	7133	7065	68.86	333.76	N 26.2 W	43	6867.36	70.09	96.70	34.65	102.71	19.71	9.71	9.70	0.63	4
Velocity	7176	7108	70.60	333.02	N 27.0 W	43	6882.26	110.42	132.76	16.58	133.79	7.12	4.36	4.05	-1.72	4
Velocity	7219	7151	74.32	333.01	N 27.0 W	43	6895.22	151.41	169.29	-2.02	169.30	359.32	8.65	8.65	-0.02	4
Velocity	7264	7196	80.74	334.07	N 25.9 W	45	6904.93	195.32	208.60	-21.59	209.72	354.09	14.45	14.27	2.36	4
Velocity	7306	7238	87.51	334.59	N 25.4 W	42	6909.23	237.06	246.24	-39.67	249.41	350.85	16.17	16.12	1.24	4
Velocity	7348	7280	89.21	335.32	N 24.7 W	42	6910.43	279.01	284.27	-57.44	290.02	348.58	4.40	4.05	1.74	4

Velocity	7391	7323	89.05	335.20	N 24.8 W	43	6911.08	321.97	323.32	-75.44	332.01	346.87	0.47	-0.37	-0.28	4
Velocity	7476	7408	89.01	335.07	N 24.9 W	85	6912.52	406.88	400.43	-111.17	415.58	344.48	0.16	-0.05	-0.15	4
Velocity	7562	7494	87.56	334.18	N 25.8 W	86	6915.09	492.79	478.10	-148.01	500.48	342.80	1.98	-1.69	-1.03	4
Velocity	7649	7581	88.21	332.41	N 27.6 W	87	6918.30	579.72	555.76	-187.08	586.40	341.40	2.17	0.75	-2.03	4
Velocity	7735	7667	88.67	331.42	N 28.6 W	86	6920.65	665.68	631.60	-227.55	671.34	340.19	1.27	0.53	-1.15	4
Velocity	7824	7756	91.44	330.56	N 29.4 W	89	6920.56	754.63	709.43	-270.71	759.32	339.11	3.26	3.11	-0.97	4
Velocity	7911	7843	92.19	331.98	N 28.0 W	87	6917.80	841.56	785.68	-312.51	845.55	338.31	1.85	0.86	1.63	4
Velocity	7999	7931	92.38	330.66	N 29.3 W	88	6914.30	929.46	862.82	-354.70	932.88	337.65	1.51	0.22	-1.50	4
Velocity	8085	8017	92.10	329.95	N 30.1 W	86	6910.93	1015.31	937.47	-397.27	1018.17	337.03	0.89	-0.33	-0.83	4
Velocity	8174	8106	91.93	329.39	N 30.6 W	89	6907.81	1104.13	1014.24	-442.19	1106.44	336.44	0.66	-0.19	-0.63	4
Velocity	8260	8192	91.16	328.71	N 31.3 W	86	6905.49	1189.92	1087.97	-486.40	1191.74	335.91	1.19	-0.90	-0.79	4
Velocity	8344	8276	91.24	328.07	N 31.9 W	84	6903.73	1273.66	1159.49	-530.42	1275.05	335.42	0.77	0.10	-0.76	4
Velocity	8430	8362	89.95	330.64	N 29.4 W	86	6902.83	1359.49	1233.46	-574.25	1360.59	335.04	3.34	-1.50	2.99	4
Velocity	8517	8449	90.25	331.06	N 28.9 W	87	6902.68	1446.45	1309.45	-616.62	1447.37	334.78	0.59	0.34	0.48	4
Velocity	8604	8536	90.22	330.17	N 29.8 W	87	6902.33	1533.39	1385.25	-659.31	1534.15	334.55	1.02	-0.03	-1.02	4
Velocity	8692	8624	90.87	331.67	N 28.3 W	88	6901.49	1621.33	1462.15	-702.08	1621.97	334.35	1.86	0.74	1.70	4
Velocity	8779	8711	91.33	333.50	N 26.5 W	87	6899.82	1708.31	1539.36	-742.13	1708.92	334.26	2.17	0.53	2.10	4
Velocity	8867	8799	91.21	332.65	N 27.4 W	88	6897.87	1796.29	1617.80	-781.97	1796.88	334.20	0.98	-0.14	-0.97	4
Velocity	8953	8885	91.47	330.61	N 29.4 W	86	6895.86	1882.25	1693.45	-822.82	1882.76	334.09	2.39	0.30	-2.37	4
Velocity	9041	8973	90.05	331.74	N 28.3 W	88	6894.69	1970.20	1770.54	-865.24	1970.64	333.96	2.06	-1.61	1.28	4
Velocity	9127	9059	90.78	331.94	N 28.1 W	86	6894.07	2056.19	1846.35	-905.83	2056.59	333.87	0.88	0.85	0.23	4
Velocity	9213	9145	90.33	332.61	N 27.4 W	86	6893.23	2142.18	1922.48	-945.83	2142.55	333.80	0.94	-0.52	0.78	4
Velocity	9298	9230	90.64	332.37	N 27.6 W	85	6892.51	2227.18	1997.86	-985.09	2227.52	333.75	0.46	0.36	-0.28	4
Velocity	9387	9319	91.24	331.65	N 28.4 W	89	6891.05	2316.16	2076.44	-1026.86	2316.47	333.69	1.05	0.67	-0.81	4
Velocity	9473	9405	90.50	330.97	N 29.0 W	86	6889.75	2402.12	2151.87	-1068.14	2402.39	333.60	1.17	-0.86	-0.79	4
Velocity	9562	9494	89.15	330.91	N 29.1 W	89	6890.02	2491.07	2229.67	-1111.37	2491.29	333.51	1.52	-1.52	-0.07	4
Velocity	9648	9580	90.68	330.85	N 29.2 W	86	6890.15	2577.02	2304.79	-1153.21	2577.20	333.42	1.78	1.78	-0.07	4
Velocity	9732	9664	90.78	330.00	N 30.0 W	84	6889.08	2660.95	2377.84	-1194.67	2661.09	333.32	1.02	0.12	-1.01	4
Velocity	9820	9752	90.67	330.00	N 30.0 W	88	6887.96	2748.84	2454.05	-1238.67	2748.94	333.22	0.12	-0.12	0.00	4
Velocity	9904	9836	91.30	332.10	N 27.9 W	84	6886.52	2832.79	2527.54	-1279.32	2832.86	333.15	2.61	0.75	2.50	4
Velocity	9989	9921	91.30	333.19	N 26.8 W	85	6884.59	2917.76	2603.01	-1318.37	2917.83	333.14	1.28	0.00	1.28	4
Velocity	10073	10005	90.39	333.68	N 26.3 W	84	6883.35	3001.75	2678.13	-1355.93	3001.82	333.15	1.23	-1.08	0.58	4
Velocity	10157	10089	90.45	333.30	N 26.7 W	84	6882.74	3085.74	2753.30	-1393.42	3085.82	333.16	0.46	0.07	-0.45	4
Velocity	10241	10173	90.50	332.62	N 27.4 W	84	6882.04	3169.73	2828.11	-1431.61	3169.81	333.15	0.81	0.06	-0.81	4
Velocity	10328	10260	90.49	332.55	N 27.5 W	87	6881.29	3256.73	2905.34	-1471.66	3256.81	333.14	0.08	-0.01	-0.08	4
Velocity	10412	10344	90.78	333.27	N 26.7 W	84	6880.36	3340.72	2980.12	-1509.91	3340.80	333.13	0.92	0.35	0.86	4
Velocity	10496	10428	90.76	332.75	N 27.3 W	84	6879.23	3424.71	3054.96	-1548.03	3424.79	333.13	0.62	-0.02	-0.62	4
Velocity	10581	10513	90.02	332.59	N 27.4 W	85	6878.65	3509.71	3130.47	-1587.05	3509.79	333.12	0.89	-0.87	-0.19	4
Velocity	10666	10598	90.02	332.97	N 27.0 W	85	6878.62	3594.71	3206.06	-1625.93	3594.79	333.11	0.45	0.00	0.45	4
Velocity	10751	10683	88.95	332.73	N 27.3 W	85	6879.38	3679.71	3281.69	-1664.72	3679.78	333.10	1.29	-1.26	-0.28	4
Velocity	10835	10767	90.16	332.10	N 27.9 W	84	6880.04	3763.70	3356.14	-1703.61	3763.77	333.09	1.62	1.44	-0.75	4
Velocity	10920	10852	90.19	331.25	N 28.8 W	85	6879.78	3848.68	3430.96	-1743.94	3848.74	333.06	1.00	0.04	-1.00	4
Velocity	11004	10936	89.98	329.94	N 30.1 W	84	6879.65	3932.62	3504.14	-1785.18	3932.67	333.00	1.58	-0.25	-1.56	4

Velocity	11088	11020	89.82	329.44	N 30.6 W	84	6879.80	4016.50	3576.65	-1827.58	4016.53	332.93	0.62	-0.19	-0.60	4
Velocity	11173	11105	90.35	329.48	N 30.5 W	85	6879.67	4101.36	3649.86	-1870.77	4101.37	332.86	0.63	0.62	0.05	4
Velocity	11257	11189	90.27	329.39	N 30.6 W	84	6879.22	4185.22	3722.19	-1913.48	4185.23	332.79	0.14	-0.10	-0.11	4
Velocity	11342	11274	90.12	328.79	N 31.2 W	85	6878.93	4270.05	3795.12	-1957.15	4270.05	332.72	0.73	-0.18	-0.71	4
Velocity	11426	11358	90.10	328.07	N 31.9 W	84	6878.77	4353.81	3866.68	-2001.12	4353.82	332.64	0.86	-0.02	-0.86	4
Last Svy	11503	11435	89.75	327.92	N 32.1 W	77	6878.87	4430.55	3931.98	-2041.93	4430.57	332.56	0.49	-0.45	-0.19	4
Projection	11503	11503	89.75	327.92	N 32.1 W	68	6879.17	4498.31	3989.60	-2078.05	4498.35	332.49	0.00	0.00	0.00	4