



Company: Jay Bee Oil & Gas
 Well: Maddie Mae 2H
 Location: Tyler Co., WV
 Rig: Precision 823
 API No: 47-095-02845-0000
 Start Date: 08/25/23 Start Depth: 350

Job Number: 72787 Calculation Method: Minimum Curvature
 Magnetic Declination: -7.614 Proposed Azimuth: 331.6
 Grid Correction: -0.833 Depth Ref: RKB 1056.40 ft Plan # 9
 Total Correction: -6.781 Field: Appalachian
 North reference: Grid Location Lat/Long: 39.4378543, -80.806081
 End Date: 09/07/23 End Depth: 14842

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) (ft)	(+E/-W) (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
TIP	325.40	325.40	0.55	18.41	N 18.4 E	0	325.39	0.75	0.86	0.03	0	0	0	0	0	0
Gyro	375	375	0.52	28.37	N 28.4 E	50	374.99	1.03	1.28	0.21	1.30	9.38	0.20	-0.06	20.08	0
Gyro	425	425	0.46	45.45	N 45.5 E	50	424.99	1.21	1.62	0.46	1.69	15.91	0.31	-0.12	34.16	0
Gyro	542	468	0.32	70.87	N 70.9 E	43	467.98	1.24	1.78	0.70	1.92	21.40	0.51	-0.33	59.12	1
1st Sv	607	533	0.98	70.46	N 70.5 E	65	532.98	1.12	2.03	1.39	2.46	34.49	1.02	1.02	-0.63	1
Velocity	652	578	2.21	59.18	N 59.2 E	45	577.96	1.10	2.60	2.50	3.61	43.87	2.81	2.73	-25.07	1
Velocity	696	622	3.57	55.87	N 55.9 E	44	621.91	1.27	3.81	4.37	5.79	48.91	3.11	3.09	-7.52	1
Velocity	741	667	4.42	54.34	N 54.3 E	45	666.80	1.63	5.60	6.93	8.92	51.06	1.90	1.89	-3.40	1
Velocity	786	712	4.61	51.58	N 51.6 E	45	711.66	2.17	7.74	9.76	12.46	51.59	0.64	0.42	-6.13	1
Velocity	831	757	4.85	49.81	N 49.8 E	45	756.50	2.87	10.09	12.63	16.17	51.38	0.62	0.53	-3.93	1
Velocity	875	801	5.13	50.93	N 50.9 E	44	800.34	3.61	12.53	15.58	19.99	51.19	0.67	0.64	2.55	1
Velocity	920	846	5.26	51.19	N 51.2 E	45	845.15	4.36	15.09	18.75	24.07	51.17	0.29	0.29	0.58	1
Velocity	965	891	5.50	51.22	N 51.2 E	45	889.95	5.12	17.73	22.04	28.29	51.17	0.53	0.53	0.07	1
Velocity	1009	935	5.94	51.86	N 51.9 E	44	933.73	5.88	20.46	25.47	32.67	51.22	1.01	1.00	1.45	1
Velocity	1054	980	6.05	53.08	N 53.1 E	45	978.49	6.63	23.32	29.20	37.37	51.38	0.37	0.24	2.71	1
Velocity	1099	1025	6.05	51.85	N 51.9 E	45	1023.24	7.38	26.21	32.96	42.11	51.50	0.29	0.00	-2.73	1
Velocity	1144	1070	6.13	51.91	N 51.9 E	45	1067.98	8.19	29.16	36.71	46.89	51.54	0.18	0.18	0.13	1
Velocity	1188	1114	6.23	53.19	N 53.2 E	44	1111.73	8.93	32.04	40.47	51.62	51.63	0.39	0.23	2.91	1
Velocity	1233	1159	4.87	54.24	N 54.2 E	45	1156.52	9.54	34.62	43.98	55.97	51.79	3.03	-3.02	2.33	1
Velocity	1278	1204	4.19	57.32	N 57.3 E	45	1201.37	9.90	36.62	46.91	59.52	52.02	1.60	-1.51	6.84	1
Velocity	1322	1248	4.12	55.89	N 55.9 E	44	1245.26	10.18	38.38	49.57	62.69	52.26	0.28	-0.16	-3.25	1
Velocity	1367	1293	3.36	58.44	N 58.4 E	45	1290.16	10.41	39.97	52.04	65.62	52.47	1.73	-1.69	5.67	1
Velocity	1412	1338	3.13	60.07	N 60.1 E	45	1335.09	10.52	41.28	54.23	68.15	52.72	0.55	-0.51	3.62	1
Velocity	1456	1382	2.38	53.06	N 53.1 E	44	1379.04	10.69	42.43	56.00	70.25	52.85	1.87	-1.70	-15.93	1
Velocity	1501	1427	2.37	48.42	N 48.4 E	45	1424.00	11.04	43.60	57.44	72.12	52.80	0.43	-0.02	-10.31	1
Velocity	1545	1471	2.41	48.77	N 48.8 E	44	1467.96	11.45	44.82	58.82	73.95	52.69	0.10	0.09	0.80	1
Velocity	1590	1516	1.81	52.23	N 52.2 E	45	1512.93	11.78	45.88	60.09	75.60	52.64	1.36	-1.33	7.69	1
Velocity	1635	1561	1.63	52.14	N 52.1 E	45	1557.91	12.00	46.71	61.16	76.95	52.63	0.40	-0.40	-0.20	1
Velocity	1680	1606	0.83	83.02	N 83.0 E	45	1602.90	11.98	47.14	61.98	77.87	52.75	2.25	-1.78	68.62	1
Velocity	1724	1650	0.58	115.91	S 64.1 E	44	1646.90	11.69	47.08	62.50	78.25	53.01	1.06	-0.57	74.75	1
Velocity	1769	1695	0.66	131.46	S 48.5 E	45	1691.90	11.26	46.81	62.90	78.41	53.34	0.41	0.18	34.56	1
Velocity	1814	1740	0.80	127.94	S 52.1 E	45	1736.89	10.73	46.44	63.34	78.54	53.75	0.33	0.31	-7.82	1
Velocity	1858	1784	1.06	134.88	S 45.1 E	44	1780.89	10.06	45.97	63.87	78.69	54.26	0.64	0.59	15.77	1

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Velocity	1903	1829	1.08	127.39	S 52.6 E	45	1825.88	9.27	45.42	64.50	78.89	54.85	0.31	0.04	-16.64	1
Velocity	1948	1874	1.25	88.82	N 88.8 E	45	1870.87	8.66	45.17	65.33	79.43	55.34	1.75	0.38	-85.71	1
Velocity	1992	1918	2.33	45.85	N 45.9 E	44	1914.85	8.68	45.80	66.45	80.71	55.42	3.75	2.45	-97.66	1
Velocity	2037	1963	3.77	34.65	N 34.7 E	45	1959.78	9.60	47.66	67.95	83.00	54.96	3.45	3.20	-24.89	1
Velocity	2082	2008	5.20	25.56	N 25.6 E	45	2004.65	11.47	50.71	69.67	86.17	53.95	3.54	3.18	-20.20	1
Velocity	2127	2053	6.20	21.15	N 21.2 E	45	2049.42	14.25	54.82	71.43	90.04	52.50	2.42	2.22	-9.80	1
Velocity	2172	2098	6.60	17.34	N 17.3 E	45	2094.14	17.63	59.55	73.08	94.27	50.82	1.30	0.89	-8.47	1
Velocity	2217	2143	6.65	13.55	N 13.6 E	45	2138.84	21.37	64.56	74.46	98.55	49.07	0.98	0.11	-8.42	1
Velocity	2261	2187	7.08	19.73	N 19.7 E	44	2182.53	25.08	69.58	75.97	103.02	47.51	1.94	0.98	14.05	1
Velocity	2306	2232	7.45	26.32	N 26.3 E	45	2227.17	28.61	74.81	78.20	108.22	46.27	2.02	0.82	14.64	1
Velocity	2383	2320	7.80	28.99	N 29.0 E	88	2314.39	35.13	85.15	83.62	119.34	44.48	0.57	0.40	3.03	2
Velocity	2428	2365	7.58	29.10	N 29.1 E	45	2358.98	38.37	90.41	86.55	125.16	43.75	0.49	-0.49	0.24	2
Velocity	2519	2456	7.24	27.98	N 28.0 E	91	2449.22	44.77	100.72	92.16	136.52	42.46	0.41	-0.37	-1.23	2
Velocity	2609	2546	9.17	27.80	N 27.8 E	90	2538.30	51.90	112.07	98.16	148.98	41.21	2.14	2.14	-0.20	2
Velocity	2698	2635	8.64	22.01	N 22.0 E	89	2626.23	60.10	124.54	103.98	162.24	39.86	1.17	-0.60	-6.51	2
Velocity	2788	2725	10.14	24.71	N 24.7 E	90	2715.02	69.17	138.01	109.82	176.37	38.51	1.74	1.67	3.00	2
Velocity	2877	2814	10.69	26.90	N 26.9 E	89	2802.55	78.57	152.49	116.83	192.10	37.46	0.76	0.62	2.46	2
Velocity	2967	2904	11.74	31.76	N 31.8 E	90	2890.83	87.88	167.72	125.43	209.43	36.79	1.57	1.17	5.40	2
Velocity	3056	2993	11.43	26.19	N 26.2 E	89	2978.02	97.49	183.33	134.09	227.13	36.18	1.30	-0.35	-6.26	2
Velocity	3145	3082	10.45	23.53	N 23.5 E	89	3065.41	107.58	198.64	141.20	243.72	35.41	1.24	-1.10	-2.99	2
Velocity	3235	3172	11.64	27.42	N 27.4 E	90	3153.74	117.71	214.19	148.64	260.71	34.76	1.56	1.32	4.32	2
Velocity	3324	3261	10.56	22.55	N 22.6 E	89	3241.07	127.90	229.69	155.90	277.60	34.17	1.61	-1.21	-5.47	2
Velocity	3414	3351	11.13	23.61	N 23.6 E	90	3329.47	138.44	245.27	162.54	294.24	33.53	0.67	0.63	1.18	2
Velocity	3504	3441	12.12	23.52	N 23.5 E	90	3417.62	149.61	261.89	169.79	312.12	32.96	1.10	1.10	-0.10	2
Velocity	3593	3530	12.82	28.44	N 28.4 E	89	3504.52	160.78	279.14	178.23	331.18	32.56	1.43	0.79	5.53	2
Velocity	3682	3619	11.50	24.05	N 24.1 E	89	3591.53	171.58	295.92	186.54	349.81	32.23	1.81	-1.48	-4.93	2
Velocity	3772	3709	12.95	28.15	N 28.2 E	90	3679.48	182.61	313.01	194.96	368.76	31.92	1.88	1.61	4.56	2
Velocity	3861	3798	11.58	22.64	N 22.6 E	89	3766.45	193.73	330.05	203.10	387.53	31.61	2.02	-1.54	-6.19	2
Velocity	3951	3888	11.78	28.87	N 28.9 E	90	3854.59	204.37	346.43	211.02	405.64	31.35	1.42	0.22	6.92	2
Velocity	4040	3977	12.09	36.43	N 36.4 E	89	3941.67	213.25	361.89	220.94	424.00	31.40	1.79	0.35	8.49	2
Velocity	4129	4066	10.58	30.95	N 31.0 E	89	4028.94	221.38	376.39	230.68	441.46	31.50	2.08	-1.70	-6.16	2
Velocity	4219	4156	11.09	26.53	N 26.5 E	90	4117.34	230.57	391.23	238.79	458.34	31.40	1.08	0.57	-4.91	2
Velocity	4308	4245	11.13	25.16	N 25.2 E	89	4204.67	240.59	406.66	246.27	475.41	31.20	0.30	0.04	-1.54	2
Velocity	4400	4337	11.50	25.18	N 25.2 E	92	4294.88	251.31	423.00	253.94	493.37	30.98	0.40	0.40	0.02	2
Velocity	4489	4426	11.26	28.62	N 28.6 E	89	4382.13	261.30	438.65	261.88	510.88	30.84	0.81	-0.27	3.87	2
Velocity	4579	4516	11.83	32.14	N 32.1 E	90	4470.31	270.62	454.18	271.00	528.88	30.82	1.01	0.63	3.91	2
Velocity	4668	4605	11.83	32.64	N 32.6 E	89	4557.42	279.53	469.58	280.77	547.12	30.88	0.12	0.00	0.56	2
Velocity	4758	4695	11.82	31.76	N 31.8 E	90	4645.51	288.58	485.19	290.60	565.56	30.92	0.20	-0.01	-0.98	2
Velocity	4847	4784	12.50	31.54	N 31.5 E	89	4732.51	297.94	501.15	300.44	584.30	30.94	0.77	0.76	-0.25	2
Velocity	4937	4874	10.84	27.39	N 27.4 E	90	4820.65	307.58	516.97	309.42	602.49	30.90	2.07	-1.84	-4.61	2
Velocity	5026	4963	10.72	27.54	N 27.5 E	89	4908.08	316.92	531.74	317.10	619.11	30.81	0.14	-0.13	0.17	2
Velocity	5116	5053	11.17	28.46	N 28.5 E	90	4996.44	326.37	546.82	325.13	636.18	30.73	0.54	0.50	1.02	2
Velocity	5205	5142	11.22	27.14	N 27.1 E	89	5083.75	335.99	562.11	333.18	653.43	30.66	0.29	0.06	-1.48	2

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Velocity	5295	5232	12.55	29.27	N 29.3 E	90	5171.82	346.17	578.43	341.96	671.95	30.59	1.56	1.48	2.37	2
Velocity	5384	5321	13.86	25.36	N 25.4 E	89	5258.47	357.64	596.50	351.25	692.23	30.49	1.78	1.47	-4.39	2
Velocity	5473	5410	12.99	29.85	N 29.9 E	89	5345.03	369.21	614.81	360.80	712.86	30.41	1.52	-0.98	5.04	2
Velocity	5563	5500	12.07	24.80	N 24.8 E	90	5432.89	380.17	632.12	369.78	732.34	30.33	1.59	-1.02	-5.61	2
Velocity	5652	5589	11.32	28.90	N 28.9 E	89	5520.05	390.46	648.22	377.90	750.33	30.24	1.26	-0.84	4.61	2
Velocity	5742	5679	10.01	24.01	N 24.0 E	90	5608.49	400.01	663.10	385.36	766.94	30.16	1.77	-1.46	-5.43	2
Velocity	5831	5768	9.99	29.67	N 29.7 E	89	5696.14	408.81	676.87	392.33	782.35	30.10	1.10	-0.02	6.36	2
Velocity	5920	5857	10.64	27.75	N 27.8 E	89	5783.70	417.47	690.85	399.97	798.28	30.07	0.83	0.73	-2.16	2
Velocity	6010	5947	10.92	31.54	N 31.5 E	90	5872.12	426.37	705.47	408.30	815.10	30.06	0.85	0.31	4.21	2
Velocity	6099	6036	11.14	18.02	N 18.0 E	89	5959.49	436.52	720.83	415.37	831.94	29.95	2.91	0.25	-15.19	2
Velocity	6144	6081	10.20	15.35	N 15.4 E	45	6003.71	442.39	728.81	417.77	840.06	29.82	2.36	-2.09	-5.93	2
Velocity	6189	6126	9.77	14.57	N 14.6 E	45	6048.03	448.06	736.35	419.79	847.60	29.69	1.00	-0.96	-1.73	2
Velocity	6234	6171	12.43	359.42	N 0.6 W	45	6092.19	455.14	744.89	420.70	855.48	29.46	8.72	5.91	-33.67	2
Velocity	6278	6215	17.36	342.64	N 17.4 W	44	6134.72	465.79	755.90	418.69	864.11	28.98	14.78	11.20	-38.14	2
Velocity	6323	6260	21.28	335.56	N 24.4 W	45	6177.18	480.53	769.75	413.30	873.69	28.23	10.13	8.71	-15.73	2
Velocity	6368	6305	20.61	332.08	N 27.9 W	45	6219.21	496.60	784.18	406.22	883.15	27.38	3.14	-1.49	-7.73	2
Velocity	6412	6349	22.52	332.72	N 27.3 W	44	6260.13	512.77	798.51	398.73	892.53	26.53	4.37	4.34	1.45	2
Velocity	6457	6394	25.27	334.28	N 25.7 W	45	6301.27	530.98	814.83	390.61	903.62	25.61	6.27	6.11	3.47	2
Velocity	6501	6434	28.18	335.04	N 25.0 W	40	6336.99	548.94	831.09	382.92	915.06	24.74	7.32	7.28	1.90	3
Velocity	6546	6479	31.65	335.31	N 24.7 W	45	6375.99	571.34	851.45	373.50	929.77	23.69	7.72	7.71	0.60	3
Velocity	6590	6523	35.16	335.24	N 24.8 W	44	6412.71	595.51	873.45	363.37	946.02	22.59	7.98	7.98	-0.16	3
Velocity	6635	6568	39.16	332.68	N 27.3 W	45	6448.57	622.66	897.86	351.41	964.18	21.37	9.53	8.89	-5.69	3
Velocity	6680	6613	43.85	331.14	N 28.9 W	45	6482.26	652.47	924.15	337.36	983.80	20.05	10.67	10.42	-3.42	3
Velocity	6724	6657	48.21	330.87	N 29.1 W	44	6512.80	684.12	951.84	322.01	1004.83	18.69	9.92	9.91	-0.61	3
Velocity	6769	6702	53.21	331.94	N 28.1 W	45	6541.29	718.94	982.41	305.36	1028.77	17.27	11.26	11.11	2.38	3
Velocity	6814	6747	58.54	332.96	N 27.0 W	45	6566.53	756.17	1015.43	288.14	1055.52	15.84	11.99	11.84	2.27	3
Velocity	6858	6791	64.00	333.17	N 26.8 W	44	6587.67	794.73	1049.82	270.68	1084.15	14.46	12.42	12.41	0.48	3
Velocity	6903	6836	68.93	332.07	N 27.9 W	45	6605.63	835.97	1086.44	251.70	1115.21	13.04	11.18	10.96	-2.44	3
Velocity	6948	6881	71.46	330.44	N 29.6 W	45	6620.88	878.30	1123.55	231.34	1147.12	11.63	6.57	5.62	-3.62	3
Velocity	6993	6926	74.11	327.77	N 32.2 W	45	6634.20	921.23	1160.42	209.27	1179.14	10.22	8.17	5.89	-5.93	3
Velocity	7037	6970	77.46	325.93	N 34.1 W	44	6645.00	963.73	1196.12	185.94	1210.49	8.84	8.63	7.61	-4.18	3
Velocity	7082	7015	78.91	326.05	N 34.0 W	45	6654.22	1007.56	1232.64	161.31	1243.15	7.46	3.23	3.22	0.27	3
Velocity	7127	7060	79.97	325.38	N 34.6 W	45	6662.46	1051.57	1269.19	136.39	1276.49	6.13	2.77	2.36	-1.49	3
Velocity	7171	7104	80.34	325.60	N 34.4 W	44	6669.99	1094.67	1304.91	111.83	1309.69	4.90	0.97	0.84	0.50	3
Velocity	7216	7149	82.93	325.05	N 35.0 W	45	6676.53	1138.92	1341.52	86.50	1344.31	3.69	5.88	5.76	-1.22	3
Velocity	7261	7194	85.96	324.94	N 35.1 W	45	6680.89	1183.41	1378.20	60.81	1379.54	2.53	6.74	6.73	-0.24	3
Velocity	7306	7239	90.13	325.08	N 34.9 W	45	6682.42	1228.08	1415.04	35.02	1415.47	1.42	9.27	9.27	0.31	3
Velocity	7350	7283	89.13	323.47	N 36.5 W	44	6682.71	1271.72	1450.76	9.34	1450.79	0.37	4.31	-2.27	-3.66	3
Velocity	7440	7373	87.84	322.71	N 37.3 W	90	6685.09	1360.69	1522.69	-44.69	1523.35	358.32	1.66	-1.43	-0.84	3
Velocity	7529	7462	89.07	322.46	N 37.5 W	89	6687.49	1448.56	1593.35	-98.75	1596.41	356.45	1.41	1.38	-0.28	3
Velocity	7619	7552	90.67	322.01	N 38.0 W	90	6687.69	1537.36	1664.50	-153.86	1671.59	354.72	1.85	1.78	-0.50	3
Velocity	7708	7641	90.33	321.03	N 39.0 W	89	6686.92	1624.98	1734.17	-209.24	1746.74	353.12	1.17	-0.38	-1.10	3
Velocity	7798	7731	90.92	323.18	N 36.8 W	90	6685.93	1713.73	1805.18	-264.51	1824.46	351.66	2.48	0.66	2.39	3

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Velocity	7887	7820	90.52	322.35	N 37.7 W	89	6684.82	1801.67	1876.03	-318.36	1902.85	350.37	1.04	-0.45	-0.93	3
Velocity	7977	7910	90.93	323.87	N 36.1 W	90	6683.68	1890.67	1948.00	-372.38	1983.28	349.18	1.75	0.46	1.69	3
Velocity	8066	7999	91.12	324.61	N 35.4 W	89	6682.08	1978.92	2020.21	-424.38	2064.31	348.14	0.86	0.21	0.83	3
Velocity	8156	8089	90.10	324.49	N 35.5 W	90	6681.13	2068.24	2093.52	-476.58	2147.08	347.18	1.14	-1.13	-0.13	3
Velocity	8245	8178	90.76	326.48	N 33.5 W	89	6680.46	2156.72	2166.85	-527.00	2230.02	346.33	2.36	0.74	2.24	3
Velocity	8335	8268	91.25	328.52	N 31.5 W	90	6678.88	2246.48	2242.74	-575.35	2315.37	345.61	2.33	0.54	2.27	3
Velocity	8424	8357	89.96	329.47	N 30.5 W	89	6677.94	2335.38	2319.02	-621.19	2400.78	345.00	1.80	-1.45	1.07	3
Velocity	8514	8447	90.84	331.14	N 28.9 W	90	6677.31	2425.35	2397.19	-665.77	2487.93	344.48	2.10	0.98	1.86	3
Velocity	8603	8536	90.45	332.86	N 27.1 W	89	6676.31	2514.33	2475.77	-707.55	2574.89	344.05	1.98	-0.44	1.93	3
Velocity	8693	8626	90.73	333.50	N 26.5 W	90	6675.38	2604.30	2556.08	-748.16	2663.32	343.69	0.78	0.31	0.71	3
Velocity	8782	8715	90.48	335.20	N 24.8 W	89	6674.44	2693.18	2636.30	-786.68	2751.17	343.38	1.93	-0.28	1.91	3
Velocity	8872	8805	90.45	337.02	N 23.0 W	90	6673.71	2782.90	2718.59	-823.12	2840.47	343.15	2.02	-0.03	2.02	3
Velocity	8961	8894	90.05	336.98	N 23.0 W	89	6673.32	2871.50	2800.51	-857.90	2928.97	342.97	0.45	-0.45	-0.04	3
Velocity	9050	8983	91.56	335.86	N 24.1 W	89	6672.07	2960.18	2882.07	-893.50	3017.39	342.78	2.11	1.70	-1.26	3
Velocity	9140	9073	91.21	336.14	N 23.9 W	90	6669.90	3049.88	2964.26	-930.09	3106.75	342.58	0.50	-0.39	0.31	3
Velocity	9229	9162	90.36	336.79	N 23.2 W	89	6668.68	3138.55	3045.85	-965.63	3195.25	342.41	1.20	-0.96	0.73	3
Velocity	9319	9252	90.88	334.71	N 25.3 W	90	6667.70	3228.31	3127.90	-1002.59	3284.65	342.23	2.38	0.58	-2.31	3
Velocity	9408	9341	91.88	333.89	N 26.1 W	89	6665.56	3317.18	3208.07	-1041.17	3372.80	342.02	1.45	1.12	-0.92	3
Velocity	9498	9431	90.36	332.98	N 27.0 W	90	6663.80	3407.11	3288.55	-1081.41	3461.79	341.80	1.97	-1.69	-1.01	3
Velocity	9587	9520	90.33	332.76	N 27.2 W	89	6663.27	3496.09	3367.76	-1121.99	3549.74	341.57	0.25	-0.03	-0.25	3
Velocity	9677	9610	90.39	332.82	N 27.2 W	90	6662.70	3586.07	3447.80	-1163.15	3638.71	341.36	0.09	0.07	0.07	3
Velocity	9766	9699	90.16	332.62	N 27.4 W	89	6662.27	3675.05	3526.90	-1203.94	3726.72	341.15	0.34	-0.26	-0.22	3
Velocity	9856	9789	90.79	332.67	N 27.3 W	90	6661.53	3765.03	3606.83	-1245.29	3815.75	340.95	0.70	0.70	0.06	3
Velocity	9945	9878	90.64	332.74	N 27.3 W	89	6660.42	3854.01	3685.91	-1286.10	3903.85	340.76	0.19	-0.17	0.08	3
Velocity	10034	9967	90.01	332.58	N 27.4 W	89	6659.91	3942.99	3764.97	-1326.98	3991.97	340.58	0.73	-0.71	-0.18	3
Velocity	10124	10057	90.75	332.82	N 27.2 W	90	6659.32	4032.97	3844.94	-1368.25	4081.14	340.41	0.86	0.82	0.27	3
Velocity	10213	10146	90.76	333.04	N 27.0 W	89	6658.14	4121.94	3924.19	-1408.75	4169.39	340.25	0.25	0.01	0.25	3
Velocity	10303	10236	90.38	332.19	N 27.8 W	90	6657.25	4211.92	4004.09	-1450.15	4258.60	340.09	1.03	-0.42	-0.94	3
Velocity	10392	10325	91.19	331.91	N 28.1 W	89	6656.03	4300.91	4082.71	-1491.86	4346.74	339.93	0.96	0.91	-0.31	3
Velocity	10482	10415	89.50	331.24	N 28.8 W	90	6655.49	4390.90	4161.85	-1534.69	4435.80	339.76	2.02	-1.88	-0.74	3
Velocity	10571	10504	89.48	329.04	N 31.0 W	89	6656.28	4479.87	4239.03	-1579.00	4523.56	339.57	2.47	-0.02	-2.47	3
Velocity	10661	10594	90.32	329.65	N 30.4 W	90	6656.44	4569.79	4316.45	-1624.89	4612.16	339.37	1.15	0.93	0.68	3
Velocity	10750	10683	89.39	327.55	N 32.5 W	89	6656.66	4658.67	4392.41	-1671.26	4699.61	339.17	2.58	-1.04	-2.36	3
Velocity	10839	10772	90.28	325.94	N 34.1 W	89	6656.92	4747.34	4466.83	-1720.06	4786.56	338.94	2.07	1.00	-1.81	3
Velocity	10929	10862	89.65	323.96	N 36.0 W	90	6656.97	4836.73	4540.51	-1771.74	4873.94	338.68	2.31	-0.70	-2.20	3
Velocity	11018	10951	90.08	322.65	N 37.4 W	89	6657.18	4924.80	4611.87	-1824.92	4959.80	338.41	1.55	0.48	-1.47	3
Velocity	11108	11041	90.88	323.32	N 36.7 W	90	6656.43	5013.78	4683.73	-1879.10	5046.61	338.14	1.16	0.89	0.74	3
Velocity	11197	11130	90.53	322.55	N 37.5 W	89	6655.33	5101.76	4754.74	-1932.74	5132.54	337.88	0.95	-0.39	-0.87	3
Velocity	11287	11220	90.08	321.53	N 38.5 W	90	6654.85	5190.50	4825.70	-1988.10	5219.18	337.61	1.24	-0.50	-1.13	3
Velocity	11376	11309	89.30	319.44	N 40.6 W	89	6655.33	5277.83	4894.35	-2044.72	5304.30	337.33	2.51	-0.88	-2.35	3
Velocity	11466	11399	88.84	319.14	N 40.9 W	90	6656.80	5365.75	4962.56	-2103.41	5389.93	337.03	0.61	-0.51	-0.33	3
Velocity	11555	11488	91.16	321.80	N 38.2 W	89	6656.80	5453.06	5031.20	-2160.05	5475.29	336.76	3.97	2.61	2.99	3
Velocity	11645	11578	91.42	322.64	N 37.4 W	90	6654.77	5541.83	5102.31	-2215.18	5562.43	336.53	0.98	0.29	0.93	3

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Velocity	11734	11667	91.42	322.58	N 37.4 W	89	6652.56	5629.71	5173.00	-2269.20	5648.83	336.31	0.07	0.00	-0.07	3
Velocity	11824	11757	91.47	322.01	N 38.0 W	90	6650.29	5718.50	5244.18	-2324.23	5736.16	336.10	0.64	0.06	-0.63	3
Velocity	11913	11846	90.87	322.90	N 37.1 W	89	6648.48	5806.35	5314.73	-2378.45	5822.67	335.89	1.21	-0.67	1.00	3
Velocity	12003	11936	90.39	322.03	N 38.0 W	90	6647.49	5895.20	5386.10	-2433.28	5910.24	335.69	1.10	-0.53	-0.97	3
Velocity	12092	12025	90.47	323.04	N 37.0 W	89	6646.82	5983.08	5456.74	-2487.41	5996.93	335.49	1.14	0.09	1.13	3
Velocity	12182	12115	90.01	324.51	N 35.5 W	90	6646.44	6072.24	5529.34	-2540.60	6085.08	335.32	1.71	-0.51	1.63	3
Velocity	12271	12204	90.90	325.24	N 34.8 W	89	6645.74	6160.63	5602.13	-2591.80	6172.62	335.17	1.29	1.00	0.82	3
Velocity	12360	12293	90.93	325.30	N 34.7 W	89	6644.31	6249.07	5675.26	-2642.50	6260.30	335.03	0.08	0.03	0.07	3
Velocity	12450	12383	90.62	326.25	N 33.8 W	90	6643.10	6338.60	5749.67	-2693.12	6349.14	334.90	1.11	-0.34	1.06	3
Velocity	12539	12472	90.19	324.58	N 35.4 W	89	6642.47	6427.07	5822.94	-2743.63	6436.93	334.77	1.94	-0.48	-1.88	3
Velocity	12629	12562	90.13	321.75	N 38.3 W	90	6642.22	6516.09	5894.96	-2797.58	6525.11	334.61	3.15	-0.07	-3.14	3
Velocity	12718	12651	89.98	321.71	N 38.3 W	89	6642.13	6603.77	5964.84	-2852.71	6611.90	334.44	0.17	-0.17	-0.04	3
Velocity	12808	12741	91.02	322.54	N 37.5 W	90	6641.35	6692.54	6035.87	-2907.96	6699.85	334.28	1.48	1.16	0.92	3
Velocity	12897	12830	90.61	322.21	N 37.8 W	89	6640.08	6780.38	6106.36	-2962.28	6786.95	334.12	0.59	-0.46	-0.37	3
Velocity	12986	12919	91.61	323.76	N 36.2 W	89	6638.36	6868.36	6177.40	-3015.85	6874.28	333.98	2.07	1.12	1.74	3
Velocity	13076	13009	90.98	323.21	N 36.8 W	90	6636.32	6957.43	6249.72	-3069.39	6962.77	333.84	0.93	-0.70	-0.61	3
Velocity	13165	13098	90.18	323.94	N 36.1 W	89	6635.42	7045.55	6321.32	-3122.23	7050.35	333.71	1.22	-0.90	0.82	3
Velocity	13255	13188	89.65	320.36	N 39.6 W	90	6635.55	7134.32	6392.38	-3177.45	7138.53	333.57	4.02	-0.59	-3.98	3
Velocity	13344	13277	90.45	319.98	N 40.0 W	89	6635.48	7221.55	6460.73	-3234.45	7225.14	333.41	1.00	0.90	-0.43	3
Velocity	13434	13367	90.32	322.48	N 37.5 W	90	6634.87	7310.07	6530.89	-3290.80	7313.13	333.26	2.78	-0.14	2.78	3
Velocity	13523	13456	89.82	322.08	N 37.9 W	89	6634.76	7397.90	6601.29	-3345.25	7400.52	333.13	0.72	-0.56	-0.45	3
Velocity	13613	13546	90.07	322.83	N 37.2 W	90	6634.85	7486.75	6672.65	-3400.10	7488.98	333.00	0.88	0.28	0.83	3
Velocity	13703	13636	90.58	324.63	N 35.4 W	90	6634.34	7575.90	6745.20	-3453.34	7577.82	332.89	2.08	0.57	2.00	3
Velocity	13792	13725	89.99	325.04	N 35.0 W	89	6633.90	7664.28	6817.96	-3504.60	7665.95	332.80	0.81	-0.66	0.46	3
Velocity	13882	13815	89.61	323.99	N 36.0 W	90	6634.21	7753.59	6891.24	-3556.84	7755.02	332.70	1.24	-0.42	-1.17	3
Velocity	13971	13904	89.53	324.65	N 35.4 W	89	6634.88	7841.87	6963.53	-3608.75	7843.08	332.61	0.75	-0.09	0.74	3
Velocity	14061	13994	89.38	324.27	N 35.7 W	90	6635.73	7931.17	7036.76	-3661.06	7932.17	332.51	0.45	-0.17	-0.42	3
Velocity	14150	14083	89.99	324.98	N 35.0 W	89	6636.22	8019.51	7109.33	-3712.58	8020.34	332.43	1.05	0.69	0.80	3
Velocity	14240	14173	89.61	325.73	N 34.3 W	90	6636.54	8108.97	7183.37	-3763.75	8109.66	332.35	0.93	-0.42	0.83	3
Velocity	14330	14263	89.64	325.25	N 34.8 W	90	6637.13	8198.46	7257.53	-3814.73	8199.02	332.27	0.53	0.03	-0.53	3
Velocity	14419	14352	89.19	325.50	N 34.5 W	89	6638.04	8286.93	7330.76	-3865.30	8287.38	332.20	0.58	-0.51	0.28	3
Velocity	14508	14441	90.19	324.58	N 35.4 W	89	6638.52	8375.34	7403.70	-3916.30	8375.69	332.12	1.53	1.12	-1.03	3
Velocity	14598	14531	90.18	323.41	N 36.6 W	90	6638.23	8464.55	7476.51	-3969.20	8464.79	332.04	1.30	-0.01	-1.30	3
Velocity	14688	14621	89.99	322.76	N 37.2 W	90	6638.09	8553.55	7548.46	-4023.26	8553.71	331.94	0.75	-0.21	-0.72	3
Velocity	14777	14710	89.95	322.54	N 37.5 W	89	6638.14	8641.47	7619.21	-4077.25	8641.55	331.85	0.25	-0.04	-0.25	3
Last Svy	14842	14775	89.96	322.41	N 37.6 W	65	6638.19	8705.65	7670.76	-4116.85	8705.69	331.78	0.20	0.02	-0.20	3
Projection	14842	14842	89.96	322.41	N 37.6 W	67	6638.24	8771.79	7723.85	-4157.72	8771.80	331.71	0.00	0.00	0.00	3

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