PHOENIX TECHNOLOGY SERVICES

Company: Jay Bee Oil & Gas
Well: Gorby 6
Location: Tyler Co., WV
Rig: Falcon 39
API No: 47-095-02797-00-00
Start Date: 10/25/22 Start Depth: 350

Job Number: 70561
Magnetic Declination: -7.64
Grid Correction: -0.83
Total Correction: -6.81
North reference: Grid
End Date: 11/06/22 End Depth: 12484

Calculation Method: Minimum Curvature
Proposed Azimuth: 309.53
Depth Ref: RKB 1293.67 Plan # 5
Field: Appalachian / Marcellus
Location Lat/Long: 39.4675038 , -80.7975398

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)	Local Coordinates (+E/-W) (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
TIP	352.67	352.67	2.90	152.16	S 27.8 E	0	352.50	-3.9	-2.37	3.10	0	0	0	0	0	0
1st Svy	522	433	2.70	180.35	S 0.3 W	80	432.74	-6.97	-6.06	4.04	7.28	146.32	1.71	-0.25	35.09	1
Velocity	565	476	3.08	189.52	S 9.5 W	43	475.68	-8.19	-8.21	3.84	9.06	154.94	1.39	0.88	21.33	1
Velocity	608	519	3.43	188.73	S 8.7 W	43	518.61	-9.42	-10.62	3.45	11.17	161.99	0.82	0.81	-1.84	1
Velocity	651	562	3.32	190.35	S 10.4 W	43	561.54	-10.69	-13.12	3.03	13.46	166.97	0.34	-0.26	3.77	1
Velocity	694	605	2.70	199.12	S 19.1 W	43	604.48	-11.65	-15.30	2.48	15.50	170.79	1.79	-1.44	20.40	1
Velocity	736	647	2.73	203.72	S 23.7 W	42	646.43	-12.27	-17.15	1.75	17.24	174.16	0.52	0.07	10.95	1
Velocity	779	690	2.36	204.05	S 24.1 W	43	689.39	-12.78	-18.90	0.98	18.92	177.03	0.86	-0.86	0.77	1
Velocity	822	733	1.22	206.32	S 26.3 W	43	732.37	-13.12	-20.12	0.42	20.12	178.81	2.66	-2.65	5.28	1
Velocity	865	776	0.18	240.88	S 60.9 W	43	775.36	-13.20	-20.56	0.15	20.56	179.57	2.50	-2.42	80.37	1
Velocity	907	818	0.16	10.14	N 10.1 E	42	817.36	-13.15	-20.53	0.11	20.53	179.70	0.73	-0.05	-549.38	1
Velocity	950	861	0.25	9.17	N 9.2 E	43	860.36	-13.07	-20.38	0.13	20.38	179.63	0.21	0.21	-2.26	1
Velocity	993	904	0.11	314.76	N 45.2 W	43	903.36	-12.99	-20.26	0.12	20.26	179.66	0.48	-0.33	-126.53	1
Velocity	1036	947	0.28	356.52	N 3.5 W	43	946.36	-12.87	-20.13	0.08	20.13	179.76	0.49	0.40	97.12	1
Velocity	1079	990	0.24	321.71	N 38.3 W	43	989.36	-12.71	-19.95	0.02	19.95	179.94	0.37	-0.09	-80.95	1
Velocity	1122	1033	0.50	328.40	N 31.6 W	43	1032.36	-12.45	-19.72	-0.13	19.72	180.39	0.61	0.60	15.56	1
Velocity	1165	1076	0.36	323.02	N 37.0 W	43	1075.36	-12.14	-19.45	-0.31	19.45	180.92	0.34	-0.33	-12.51	1
Velocity	1208	1119	0.53	315.21	N 44.8 W	43	1118.36	-11.81	-19.20	-0.53	19.21	181.59	0.42	0.40	-18.16	1
Velocity	1251	1162	0.49	325.76	N 34.2 W	43	1161.36	-11.44	-18.91	-0.78	18.93	182.36	0.24	-0.09	24.53	1
Velocity	1294	1205	0.44	297.92	N 62.1 W	43	1204.36	-11.10	-18.68	-1.03	18.71	183.15	0.53	-0.12	-64.74	1
Velocity	1337	1248	0.47	324.37	N 35.6 W	43	1247.36	-10.76	-18.46	-1.28	18.50	183.95	0.49	0.07	61.51	1
Velocity	1380	1291	0.37	326.25	N 33.8 W	43	1290.35	-10.46	-18.20	-1.46	18.26	184.57	0.23	-0.23	4.37	1
Velocity	1423	1334	0.38	324.13	N 35.9 W	43	1333.35	-10.19	-17.97	-1.62	18.04	185.14	0.04	0.02	-4.93	1
Velocity	1466	1377	0.43	295.35	N 64.7 W	43	1376.35	-9.90	-17.79	-1.85	17.88	185.93	0.48	0.12	-66.93	1
Velocity	1509	1420	0.47	278.39	N 81.6 W	43	1419.35	-9.59	-17.69	-2.17	17.82	186.98	0.32	0.09	-39.44	1
Velocity	1552	1463	0.60	265.65	S 85.7 W	43	1462.35	-9.28	-17.68	-2.57	17.87	188.25	0.41	0.30	-29.63	1
Velocity	1595	1506	0.82	260.64	S 80.6 W	43	1505.35	-8.91	-17.75	-3.09	18.02	189.89	0.53	0.51	-11.65	1
Velocity	1638	1549	1.07	263.64	S 83.6 W	43	1548.34	-8.43	-17.84	-3.80	18.24	192.01	0.59	0.58	6.98	1
Velocity	1681	1592	1.13	260.88	S 80.9 W	43	1591.33	-7.87	-17.95	-4.61	18.54	194.41	0.19	0.14	-6.42	1
Velocity	1725	1636	1.19	265.40	S 85.4 W	44	1635.32	-7.26	-18.06	-5.50	18.88	196.93	0.25	0.14	10.27	1
Velocity	1768	1679	1.09	260.02	S 80.0 W	43	1678.31	-6.67	-18.17	-6.35	19.24	199.25	0.34	-0.23	-12.51	1
Velocity	1811	1722	1.11	265.20	S 85.2 W	43	1721.31	-6.11	-18.27	-7.16	19.63	201.41	0.24	0.05	12.05	1
Velocity	1856	1767	1.26	250.73	S 70.7 W	45	1766.30	-5.54	-18.47	-8.06	20.16	203.58	0.74	0.33	-32.16	1

Velocity	1900	1811	1.41	247.97	S 68.0 W	44	1810.28	-5.03	-18.84	-9.02	20.88	205.60	0.37	0.34	-6.27	1
Velocity	1942	1853	2.00	234.27	S 54.3 W	42	1852.27	-4.60	-19.46	-10.10	21.92	207.43	1.70	1.40	-32.62	1
Velocity	1985	1896	2.76	217.85	S 37.9 W	43	1895.23	-4.44	-20.71	-11.34	23.61	208.70	2.36	1.77	-38.19	1
Velocity	2028	1939	3.63	212.34	S 32.3 W	43	1938.16	-4.64	-22.68	-12.70	26.00	209.26	2.14	2.02	-12.81	1
Velocity	2071	1982	4.73	208.93	S 28.9 W	43	1981.05	-5.13	-25.38	-14.29	29.13	209.38	2.62	2.56	-7.93	1
Velocity	2115	2026	5.62	206.20	S 26.2 W	44	2024.87	-5.96	-28.90	-16.12	33.09	209.15	2.10	2.02	-6.20	1
Velocity	2157	2068	6.25	205.15	S 25.2 W	42	2066.64	-7.01	-32.82	-18.00	37.43	208.74	1.52	1.50	-2.50	1
Velocity	2200	2111	6.87	205.92	S 25.9 W	43	2109.36	-8.19	-37.25	-20.12	42.34	208.37	1.46	1.44	1.79	1
Velocity	2244	2155	7.47	209.04	S 29.0 W	44	2153.02	-9.33	-42.12	-22.66	47.82	208.28	1.63	1.36	7.09	1
Velocity	2287	2198	8.02	212.80	S 32.8 W	43	2195.62	-10.19	-47.08	-25.64	53.61	208.57	1.74	1.28	8.74	1
Velocity	2330	2241	8.51	217.21	S 37.2 W	43	2238.18	-10.67	-52.14	-29.19	59.75	209.24	1.86	1.14	10.26	1
Velocity	2373	2284	8.91	219.94	S 39.9 W	43	2280.68	-10.78	-57.22	-33.25	66.18	210.16	1.34	0.93	6.35	1
Velocity	2415	2326	9.08	221.47	S 41.5 W	42	2322.17	-10.64	-62.20	-37.53	72.65	211.11	0.70	0.40	3.64	1
Velocity	2458	2369	9.48	221.82	S 41.8 W	43	2364.60	-10.39	-67.38	-42.14	79.48	212.02	0.94	0.93	0.81	1
Velocity	2501	2412	9.58	222.49	S 42.5 W	43	2407.01	-10.06	-72.66	-46.92	86.49	212.85	0.35	0.23	1.56	1
Velocity	2544	2455	9.40	220.78	S 40.8 W	43	2449.42	-9.80	-77.96	-51.63	93.50	213.51	0.78	-0.42	-3.98	1
Velocity	2610	2532	8.39	222.28	S 42.3 W	77	2525.49	-9.39	-86.88	-59.52	105.31	214.41	1.35	-1.31	1.95	2
Velocity	2653	2575	7.99	224.54	S 44.5 W	43	2568.06	-8.98	-91.33	-63.72	111.36	214.90	1.19	-0.93	5.26	2
Velocity	2698	2620	9.70	220.79	S 40.8 W	45	2612.52	-8.62	-96.43	-68.39	118.22	215.35	4.01	3.80	-8.33	2
Velocity	2741	2663	14.80	216.80	S 36.8 W	43	2654.53	-8.81	-103.57	-74.05	127.32	215.56	12.02	11.86	-9.28	2
Velocity	2784	2706	18.78	216.03	S 36.0 W	43	2695.69	-9.49	-113.57	-81.42	139.74	215.64	9.27	9.26	-1.79	2
Velocity	2828	2750	18.59	215.20	S 35.2 W	44	2737.37	-10.45	-125.03	-89.63	153.84	215.63	0.74	-0.43	-1.89	2
Velocity	2871	2793	18.08	213.83	S 33.8 W	43	2778.18	-11.63	-136.17	-97.29	167.36	215.54	1.55	-1.19	-3.19	2
Velocity	2915	2837	17.67	212.11	S 32.1 W	44	2820.06	-13.17	-147.50	-104.64	180.85	215.35	1.52	-0.93	-3.91	2
Velocity	2960	2882	17.87	218.63	S 38.6 W	45	2862.92	-14.16	-158.68	-112.58	194.56	215.36	4.44	0.44	14.49	2
Velocity	3004	2926	18.11	224.33	S 44.3 W	44	2904.77	-13.70	-168.85	-121.58	208.06	215.76	4.04	0.55	12.95	2
Velocity	3047	2969	17.67	222.32	S 42.3 W	43	2945.69	-12.82	-178.45	-130.64	221.16	216.21	1.76	-1.02	-4.67	2
Velocity	3090	3012	17.12	219.51	S 39.5 W	43	2986.72	-12.50	-188.16	-139.06	233.97	216.47	2.33	-1.28	-6.53	2
Velocity	3133	3055	16.76	218.15	S 38.2 W	43	3027.86	-12.66	-197.92	-146.92	246.49	216.59	1.25	-0.84	-3.16	2
Velocity	3176	3098	16.03	216.14	S 36.1 W	43	3069.11	-13.16	-207.59	-154.25	258.63	216.61	2.15	-1.70	-4.67	2
Velocity	3220	3142	16.04	220.54	S 40.5 W	44	3111.40	-13.41	-217.12	-161.78	270.77	216.69	2.76	0.02	10.00	2
Velocity	3264	3186	17.24	225.92	S 45.9 W	44	3153.56	-12.58	-226.27	-170.42	283.27	216.99	4.44	2.73	12.23	2
Velocity	3308	3230	17.33	225.74	S 45.7 W	44	3195.57	-11.14	-235.38	-179.80	296.20	217.37	0.24	0.20	-0.41	2
Velocity	3352	3274	17.15	224.26	S 44.3 W	44	3237.60	-9.90	-244.60	-189.02	309.13	217.70	1.08	-0.41	-3.36	2
Velocity	3396	3318	16.95	222.60	S 42.6 W	44	3279.66	-9.02	-253.97	-197.89	321.96	217.92	1.20	-0.45	-3.77	2
Velocity	3441	3363	17.25	223.63	S 43.6 W	45	3322.67	-8.19	-263.63	-206.93	335.14	218.13	0.95	0.67	2.29	2
Velocity	3484	3406	17.16	223.12	S 43.1 W	43	3363.75	-7.34	-272.87	-215.67	347.81	218.32	0.41	-0.21	-1.19	2
Velocity	3528	3450	16.90	225.87	S 45.9 W	44	3405.82	-6.22	-282.06	-224.69	360.62	218.54	1.92	-0.59	6.25	2
Velocity	3571	3493	16.63	225.99	S 46.0 W	43	3446.99	-4.84	-290.69	-233.60	372.92	218.79	0.63	-0.63	0.28	2
Velocity	3615	3537	17.02	226.05	S 46.1 W	44	3489.11	-3.40	-299.53	-242.77	385.56	219.02	0.89	0.89	0.14	2
Velocity	3658	3580	16.83	224.65	S 44.7 W	43	3530.25	-2.13	-308.33	-251.67	398.01	219.22	1.05	-0.44	-3.26	2
Velocity	3700	3622	17.34	223.38	S 43.4 W	42	3570.39	-1.17	-317.21	-260.25	410.30	219.37	1.50	1.21	-3.02	2
Velocity	3744	3666	17.42	221.82	S 41.8 W	44	3612.38	-0.47	-326.88	-269.14	423.42	219.47	1.07	0.18	-3.55	2

Velocity	3789	3711	17.85	224.24	S 44.2 W	45	3655.27	0.37	-336.84	-278.45	437.03	219.58	1.89	0.96	5.38	2
Velocity	3833	3755	17.89	224.18	S 44.2 W	44	3697.15	1.47	-346.52	-287.86	450.49	219.72	0.10	0.09	-0.14	2
Velocity	3876	3798	18.66	223.56	S 43.6 W	43	3737.98	2.49	-356.24	-297.20	463.94	219.84	1.85	1.79	-1.44	2
Velocity	3920	3842	18.74	222.97	S 43.0 W	44	3779.66	3.41	-366.51	-306.87	478.02	219.94	0.47	0.18	-1.34	2
Velocity	3964	3886	17.88	221.33	S 41.3 W	44	3821.43	4.04	-376.76	-316.15	491.83	220.00	2.28	-1.95	-3.73	2
Velocity	4007	3929	17.73	223.42	S 43.4 W	43	3862.37	4.70	-386.47	-325.01	504.97	220.06	1.53	-0.35	4.86	2
Velocity	4050	3972	17.55	224.32	S 44.3 W	43	3903.35	5.68	-395.86	-334.04	517.97	220.16	0.76	-0.42	2.09	2
Velocity	4094	4016	18.00	226.11	S 46.1 W	44	3945.25	7.01	-405.32	-343.57	531.35	220.29	1.61	1.02	4.07	2
Velocity	4137	4059	18.26	225.79	S 45.8 W	43	3986.11	8.51	-414.63	-353.19	544.66	220.43	0.65	0.60	-0.74	2
Velocity	4180	4102	17.59	222.91	S 42.9 W	43	4027.02	9.63	-424.08	-362.44	557.86	220.52	2.58	-1.56	-6.70	2
Velocity	4224	4146	16.84	220.53	S 40.5 W	44	4069.05	10.13	-433.80	-371.11	570.88	220.55	2.34	-1.70	-5.41	2
Velocity	4267	4189	17.63	221.63	S 41.6 W	43	4110.12	10.48	-443.40	-379.49	583.62	220.56	1.99	1.84	2.56	2
Velocity	4310	4232	17.51	223.67	S 43.7 W	43	4151.12	11.18	-452.94	-388.28	596.59	220.60	1.46	-0.28	4.74	2
Velocity	4354	4276	16.65	221.68	S 41.7 W	44	4193.18	11.90	-462.44	-397.04	609.50	220.65	2.36	-1.95	-4.52	2
Velocity	4396	4318	15.89	219.41	S 39.4 W	42	4233.49	12.11	-471.38	-404.69	621.27	220.65	2.36	-1.81	-5.40	2
Velocity	4440	4362	16.82	218.62	S 38.6 W	44	4275.71	12.00	-481.00	-412.49	633.65	220.62	2.17	2.11	-1.80	2
Velocity	4485	4407	17.05	221.18	S 41.2 W	45	4318.76	12.09	-491.06	-420.90	646.75	220.60	1.73	0.51	5.69	2
Velocity	4529	4451	16.18	219.10	S 39.1 W	44	4360.93	12.23	-500.67	-429.01	659.33	220.59	2.39	-1.98	-4.73	2
Velocity	4571	4493	16.90	221.28	S 41.3 W	42	4401.19	12.37	-509.80	-436.73	671.29	220.59	2.26	1.71	5.19	2
Velocity	4616	4538	18.72	226.21	S 46.2 W	45	4444.03	13.41	-519.71	-446.26	685.02	220.65	5.25	4.04	10.96	2
Velocity	4660	4582	18.93	225.97	S 46.0 W	44	4485.68	15.03	-529.56	-456.49	699.15	220.76	0.51	0.48	-0.55	2
Velocity	4703	4625	18.73	224.66	S 44.7 W	43	4526.38	16.43	-539.32	-466.36	712.99	220.85	1.09	-0.47	-3.05	2
Velocity	4745	4667	18.01	222.70	S 42.7 W	42	4566.24	17.39	-548.89	-475.50	726.21	220.90	2.26	-1.71	-4.67	2
Velocity	4787	4709	17.19	220.74	S 40.7 W	42	4606.27	17.88	-558.36	-483.95	738.90	220.92	2.41	-1.95	-4.67	2
Velocity	4830	4752	17.40	221.55	S 41.6 W	43	4647.33	18.24	-567.99	-492.36	751.69	220.92	0.74	0.49	1.88	2
Velocity	4872	4794	18.23	223.79	S 43.8 W	42	4687.31	18.95	-577.43	-501.08	764.53	220.95	2.56	1.98	5.33	2
Velocity	4914	4836	18.17	223.82	S 43.8 W	42	4727.21	19.93	-586.90	-510.16	777.63	221.00	0.14	-0.14	0.07	2
Velocity	4956	4878	17.66	223.96	S 44.0 W	42	4767.18	20.91	-596.21	-519.11	790.53	221.05	1.22	-1.21	0.33	2
Velocity	4998	4920	17.92	224.08	S 44.1 W	42	4807.17	21.92	-605.44	-528.03	803.35	221.09	0.63	0.62	0.29	2
Velocity	5042	4964	20.24	225.11	S 45.1 W	44	4848.75	23.19	-615.67	-538.13	817.70	221.16	5.33	5.27	2.34	2
Velocity	5085	5007	20.81	224.81	S 44.8 W	43	4889.02	24.62	-626.34	-548.78	832.75	221.22	1.35	1.33	-0.70	2
Velocity	5172	5094	19.13	221.70	S 41.7 W	87	4970.79	26.58	-647.95	-569.16	862.43	221.30	2.28	-1.93	-3.57	2
Velocity	5260	5182	18.45	221.32	S 41.3 W	88	5054.10	27.56	-669.17	-587.95	890.77	221.30	0.79	-0.77	-0.43	2
Velocity	5346	5268	17.49	222.76	S 42.8 W	86	5135.90	28.72	-688.88	-605.71	917.30	221.32	1.23	-1.12	1.67	2
Velocity	5430	5352	16.93	226.00	S 46.0 W	84	5216.14	30.81	-706.65	-623.08	942.11	221.40	1.32	-0.67	3.86	2
Velocity	5517	5439	17.65	225.44	S 45.4 W	87	5299.21	33.59	-724.70	-641.59	967.90	221.52	0.85	0.83	-0.64	2
Velocity	5602	5524	18.22	226.29	S 46.3 W	85	5380.08	36.48	-742.92	-660.37	994.00	221.63	0.74	0.67	1.00	2
Velocity	5686	5608	17.70	224.70	S 44.7 W	84	5459.98	39.18	-761.08	-678.85	1019.84	221.73	0.85	-0.62	-1.89	2
Velocity	5771	5693	17.37	222.96	S 43.0 W	85	5541.04	41.10	-779.55	-696.58	1045.43	221.78	0.73	-0.39	-2.05	2
Velocity	5856	5778	17.74	225.19	S 45.2 W	85	5622.08	43.14	-797.96	-714.42	1071.04	221.84	0.90	0.44	2.62	2
Velocity	5945	5867	18.82	227.82	S 47.8 W	89	5706.59	46.55	-817.15	-734.68	1098.86	221.96	1.53	1.21	2.96	2
Velocity	6032	5954	18.47	225.94	S 45.9 W	87	5789.02	50.11	-836.16	-754.98	1126.57	222.08	0.80	-0.40	-2.16	2
Velocity	6118	6040	19.82	225.85	S 45.9 W	86	5870.26	53.23	-855.79	-775.23	1154.71	222.17	1.57	1.57	-0.10	2

Velocity	6207	6129	18.21	223.77	S 43.8 W	89	5954.40	55.92	-876.34	-795.68	1183.67	222.24	1.96	-1.81	-2.34	2
Velocity	6292	6214	17.76	223.06	S 43.1 W	85	6035.25	57.70	-895.41	-813.72	1209.91	222.26	0.59	-0.53	-0.84	2
Velocity	6378	6300	17.42	225.13	S 45.1 W	86	6117.23	59.77	-914.07	-831.80	1235.88	222.30	0.83	-0.40	2.41	2
Velocity	6421	6343	16.44	225.00	S 45.0 W	43	6158.37	60.97	-922.92	-840.66	1248.39	222.33	2.28	-2.28	-0.30	2
Velocity	6455	6387	15.58	224.11	S 44.1 W	44	6200.66	62.04	-931.56	-849.18	1260.52	222.35	2.03	-1.95	-2.02	3
Velocity	6498	6430	13.70	230.08	S 50.1 W	43	6242.26	63.43	-938.98	-857.10	1271.34	222.39	5.60	-4.37	13.88	3
Velocity	6541	6473	12.38	248.52	S 68.5 W	43	6284.17	66.60	-943.93	-865.30	1280.53	222.51	10.10	-3.07	42.88	3
Velocity	6584	6516	15.36	265.28	S 85.3 W	43	6325.93	72.92	-946.09	-875.27	1288.87	222.77	11.57	6.93	38.98	3
Velocity	6626	6558	19.25	277.41	N 82.6 W	42	6366.04	82.77	-945.66	-887.69	1297.02	223.19	12.59	9.26	28.88	3
Velocity	6669	6601	22.91	286.11	N 73.9 W	43	6406.16	96.47	-942.42	-902.77	1305.04	223.77	11.18	8.51	20.23	3
Velocity	6712	6644	25.59	292.99	N 67.0 W	43	6445.37	113.05	-936.47	-919.36	1312.33	224.47	9.05	6.23	16.00	3
Velocity	6755	6687	25.33	299.43	N 60.6 W	43	6484.20	131.02	-928.32	-935.93	1318.23	225.23	6.46	-0.60	14.98	3
Velocity	6797	6729	24.70	299.93	N 60.1 W	42	6522.26	148.51	-919.52	-951.36	1323.11	225.97	1.58	-1.50	1.19	3
Velocity	6840	6772	26.08	304.66	N 55.3 W	43	6561.11	166.79	-909.67	-966.92	1327.56	226.75	5.70	3.21	11.00	3
Velocity	6883	6815	28.15	308.66	N 51.3 W	43	6599.39	186.36	-897.95	-982.62	1331.11	227.58	6.41	4.81	9.30	3
Velocity	6926	6858	31.56	312.30	N 47.7 W	43	6636.68	207.75	-884.04	-998.87	1333.89	228.49	8.98	7.93	8.47	3
Velocity	6968	6900	35.75	311.75	N 48.3 W	42	6671.63	230.99	-868.46	-1016.16	1336.71	229.48	10.00	9.98	-1.31	3
Velocity	7011	6943	40.80	311.74	N 48.3 W	43	6705.38	257.60	-850.73	-1036.03	1340.56	230.61	11.74	11.74	-0.02	3
Velocity	7054	6986	46.71	311.44	N 48.6 W	43	6736.42	287.31	-831.01	-1058.26	1345.54	231.86	13.75	13.74	-0.70	3
Velocity	7097	7029	51.55	309.90	N 50.1 W	43	6764.55	319.81	-809.83	-1082.93	1352.24	233.21	11.58	11.26	-3.58	3
Velocity	7139	7071	55.76	309.59	N 50.4 W	42	6789.44	353.63	-788.21	-1108.93	1360.52	234.60	10.04	10.02	-0.74	3
Velocity	7183	7115	59.73	309.86	N 50.1 W	44	6812.92	390.83	-764.43	-1137.54	1370.53	236.10	9.04	9.02	0.61	3
Velocity	7225	7157	62.78	311.05	N 49.0 W	42	6833.11	427.64	-740.54	-1165.56	1380.91	237.57	7.67	7.26	2.83	3
Velocity	7267	7199	66.75	310.64	N 49.4 W	42	6851.01	465.62	-715.70	-1194.29	1392.32	239.07	9.49	9.45	-0.98	3
Velocity	7309	7241	71.62	311.30	N 48.7 W	42	6865.93	504.85	-689.96	-1223.92	1405.00	240.59	11.69	11.60	1.57	3
Velocity	7351	7283	75.35	312.51	N 47.5 W	42	6877.87	545.08	-663.07	-1253.88	1418.41	242.13	9.30	8.88	2.88	3
Velocity	7393	7325	76.79	312.98	N 47.0 W	42	6887.98	585.78	-635.40	-1283.82	1432.46	243.67	3.60	3.43	1.12	3
Velocity	7436	7368	81.10	314.09	N 45.9 W	43	6896.23	627.86	-606.34	-1314.40	1447.52	245.24	10.34	10.02	2.58	3
Velocity	7479	7411	83.62	315.15	N 44.9 W	43	6901.94	670.31	-576.41	-1344.74	1463.06	246.80	6.35	5.86	2.47	3
Velocity	7522	7454	86.99	317.98	N 42.0 W	43	6905.46	712.83	-545.29	-1374.19	1478.43	248.36	10.22	7.84	6.58	3
Velocity	7566	7498	88.64	320.32	N 39.7 W	44	6907.14	756.18	-512.04	-1402.95	1493.47	249.95	6.50	3.75	5.32	3
Velocity	7608	7540	88.25	320.25	N 39.8 W	42	6908.28	797.43	-479.74	-1429.77	1508.11	251.45	0.94	-0.93	-0.17	3
Velocity	7650	7582	89.76	320.93	N 39.1 W	42	6909.01	838.64	-447.30	-1456.43	1523.57	252.93	3.94	3.60	1.62	3
Velocity	7693	7625	90.59	320.93	N 39.1 W	43	6908.88	880.79	-413.91	-1483.53	1540.19	254.41	1.93	1.93	0.00	3
Velocity	7780	7712	90.67	319.50	N 40.5 W	87	6907.92	966.27	-347.06	-1539.20	1577.84	257.29	1.65	0.09	-1.64	3
Velocity	7867	7799	91.39	319.09	N 40.9 W	87	6906.36	1052.00	-281.12	-1595.93	1620.50	260.01	0.95	0.83	-0.47	3
Velocity	7955	7887	91.09	322.96	N 37.0 W	88	6904.45	1138.20	-212.74	-1651.26	1664.90	262.66	4.41	-0.34	4.40	3
Velocity	8039	7971	91.47	325.54	N 34.5 W	84	6902.58	1219.41	-144.59	-1700.32	1706.45	265.14	3.10	0.45	3.07	3
Velocity	8126	8058	89.72	325.30	N 34.7 W	87	6901.67	1303.08	-72.97	-1749.69	1751.21	267.61	2.03	-2.01	-0.28	3
Velocity	8213	8145	90.47	325.56	N 34.4 W	87	6901.53	1386.75	-1.33	-1799.05	1799.05	269.96	0.91	0.86	0.30	3
Velocity	8300	8232	89.96	327.23	N 32.8 W	87	6901.20	1470.00	71.13	-1847.20	1848.57	272.21	2.01	-0.59	1.92	3
Velocity	8387	8319	91.16	327.28	N 32.7 W	87	6900.35	1552.87	144.30	-1894.26	1899.75	274.36	1.38	1.38	0.06	3
Velocity	8472	8404	91.10	327.43	N 32.6 W	85	6898.67	1633.77	215.86	-1940.10	1952.07	276.35	0.19	-0.07	0.18	3

Velocity	8556	8488	90.52	327.57	N 32.4 W	84	6897.49	1713.67	286.69	-1985.23	2005.82	278.22	0.71	-0.69	0.17	3
Velocity	8643	8575	91.82	326.68	N 33.3 W	87	6895.71	1796.58	359.74	-2032.44	2064.03	280.04	1.81	1.49	-1.02	3
Velocity	8730	8662	90.98	327.36	N 32.6 W	87	6893.59	1879.53	432.70	-2079.79	2124.32	281.75	1.24	-0.97	0.78	3
Velocity	8818	8750	89.75	326.00	N 34.0 W	88	6893.02	1963.61	506.23	-2128.12	2187.50	283.38	2.08	-1.40	-1.55	3
Velocity	8905	8837	90.56	324.09	N 35.9 W	87	6892.79	2047.44	577.53	-2177.96	2253.24	284.85	2.38	0.93	-2.20	3
Velocity	8993	8925	89.73	323.59	N 36.4 W	88	6892.57	2132.70	648.58	-2229.89	2322.30	286.22	1.10	-0.94	-0.57	3
Velocity	9081	9013	90.32	322.08	N 37.9 W	88	6892.53	2218.34	718.71	-2283.05	2393.50	287.47	1.84	0.67	-1.72	3
Velocity	9167	9099	90.02	320.90	N 39.1 W	86	6892.27	2302.47	786.00	-2336.59	2465.25	288.59	1.42	-0.35	-1.37	3
Velocity	9255	9187	91.29	320.77	N 39.2 W	88	6891.27	2388.76	854.22	-2392.17	2540.11	289.65	1.45	1.44	-0.15	3
Velocity	9341	9273	91.24	319.93	N 40.1 W	86	6889.37	2473.20	920.42	-2447.03	2614.41	290.61	0.98	-0.06	-0.98	3
Velocity	9425	9357	90.41	322.79	N 37.2 W	84	6888.16	2555.40	986.02	-2499.47	2686.93	291.53	3.54	-0.99	3.40	3
Velocity	9512	9444	90.25	322.02	N 38.0 W	87	6887.66	2640.21	1054.95	-2552.54	2761.96	292.46	0.90	-0.18	-0.89	3
Velocity	9600	9532	90.48	323.72	N 36.3 W	88	6887.10	2725.83	1125.11	-2605.66	2838.19	293.35	1.95	0.26	1.93	3
Velocity	9688	9620	89.92	323.69	N 36.3 W	88	6886.79	2811.15	1196.03	-2657.75	2914.47	294.23	0.64	-0.64	-0.03	3
Velocity	9774	9706	89.79	323.94	N 36.1 W	86	6887.01	2894.49	1265.44	-2708.52	2989.56	295.04	0.33	-0.15	0.29	3
Velocity	9858	9790	89.84	325.39	N 34.6 W	84	6887.28	2975.58	1333.97	-2757.11	3062.86	295.82	1.73	0.06	1.73	3
Velocity	9946	9878	90.04	324.70	N 35.3 W	88	6887.37	3060.37	1406.09	-2807.52	3139.95	296.60	0.82	0.23	-0.78	3
Velocity	10032	9964	91.81	323.80	N 36.2 W	86	6885.98	3143.53	1475.88	-2857.76	3216.36	297.31	2.31	2.06	-1.05	3
Velocity	10116	10048	91.59	326.02	N 34.0 W	84	6883.49	3224.48	1544.57	-2906.02	3291.00	297.99	2.65	-0.26	2.64	3
Velocity	10201	10133	91.87	325.89	N 34.1 W	85	6880.92	3305.98	1614.97	-2953.59	3366.28	298.67	0.36	0.33	-0.15	3
Velocity	10285	10217	91.98	325.39	N 34.6 W	84	6878.10	3386.63	1684.28	-3000.97	3441.31	299.30	0.61	0.13	-0.60	3
Velocity	10369	10301	91.12	325.84	N 34.2 W	84	6875.83	3467.31	1753.57	-3048.39	3516.77	299.91	1.16	-1.02	0.54	3
Velocity	10454	10386	90.78	325.81	N 34.2 W	85	6874.42	3548.89	1823.88	-3096.13	3593.41	300.50	0.40	-0.40	-0.04	3
Velocity	10540	10472	90.72	326.16	N 33.8 W	86	6873.30	3631.36	1895.16	-3144.24	3671.22	301.08	0.41	-0.07	0.41	3
Velocity	10625	10557	90.33	326.20	N 33.8 W	85	6872.52	3712.79	1965.78	-3191.54	3748.36	301.63	0.46	-0.46	0.05	3
Velocity	10709	10641	90.13	326.21	N 33.8 W	84	6872.18	3793.26	2035.58	-3238.27	3824.91	302.15	0.24	-0.24	0.01	3
Velocity	10793	10725	90.32	326.27	N 33.7 W	84	6871.85	3873.71	2105.42	-3284.95	3901.75	302.66	0.24	0.23	0.07	3
Velocity	10878	10810	89.21	325.58	N 34.4 W	85	6872.20	3955.25	2175.82	-3332.57	3979.98	303.14	1.54	-1.31	-0.81	3
Velocity	10962	10894	89.35	325.78	N 34.2 W	84	6873.25	4035.93	2245.19	-3379.92	4057.68	303.60	0.29	0.17	0.24	3
Velocity	11047	10979	90.05	325.55	N 34.5 W	85	6873.70	4117.58	2315.38	-3427.87	4136.57	304.04	0.87	0.82	-0.27	3
Velocity	11131	11063	90.55	325.62	N 34.4 W	84	6873.26	4198.30	2384.67	-3475.34	4214.82	304.46	0.60	0.60	0.08	3
Velocity	11216	11148	89.85	325.23	N 34.8 W	85	6872.96	4280.05	2454.66	-3523.58	4294.29	304.86	0.94	-0.82	-0.46	3
Velocity	11300	11232	89.44	323.73	N 36.3 W	84	6873.48	4361.21	2523.03	-3572.38	4373.50	305.23	1.85	-0.49	-1.79	3
Velocity	11384	11316	89.44	323.49	N 36.5 W	84	6874.30	4442.68	2590.64	-3622.21	4453.29	305.57	0.29	0.00	-0.29	3
Velocity	11469	11401	90.22	324.26	N 35.7 W	85	6874.56	4525.03	2659.30	-3672.32	4534.07	305.91	1.29	0.92	0.91	3
Velocity	11554	11486	90.10	323.91	N 36.1 W	85	6874.32	4607.30	2728.14	-3722.18	4614.91	306.24	0.44	-0.14	-0.41	3
Velocity	11638	11570	89.93	323.58	N 36.4 W	84	6874.30	4688.73	2795.88	-3771.86	4695.08	306.55	0.44	-0.20	-0.39	3
Velocity	11723	11655	89.84	324.29	N 35.7 W	85	6874.47	4771.05	2864.59	-3821.89	4776.27	306.85	0.84	-0.11	0.84	3
Velocity	11807	11739	89.79	324.60	N 35.4 W	84	6874.74	4852.22	2932.92	-3870.74	4856.40	307.15	0.37	-0.06	0.37	3
Velocity	11892	11824	90.12	324.85	N 35.2 W	85	6874.81	4934.25	3002.32	-3919.83	4937.50	307.45	0.49	0.39	0.29	3
Velocity	11976	11908	89.93	324.08	N 35.9 W	84	6874.77	5015.41	3070.67	-3968.65	5017.89	307.73	0.94	-0.23	-0.92	3
Velocity	12060	11992	90.50	323.71	N 36.3 W	84	6874.45	5096.78	3138.54	-4018.14	5098.62	307.99	0.81	0.68	-0.44	3
Velocity	12145	12077	90.25	323.52	N 36.5 W	85	6873.90	5179.23	3206.97	-4068.57	5180.53	308.25	0.37	-0.29	-0.22	3

Velocity	12229	12161	90.05	323.45	N 36.6 W	84	6873.68	5260.75	3274.48	-4118.55	5261.62	308.49	0.25	-0.24	-0.08	3
Velocity	12314	12246	90.35	323.29	N 36.7 W	85	6873.38	5343.28	3342.69	-4169.26	5343.81	308.72	0.40	0.35	-0.19	3
Velocity	12398	12330	90.24	322.16	N 37.8 W	84	6872.95	5425.06	3409.53	-4220.14	5425.35	308.94	1.35	-0.13	-1.35	3
Last Svy	12484	12416	90.10	321.84	N 38.2 W	86	6872.69	5509.03	3477.30	-4273.08	5509.16	309.14	0.41	-0.16	-0.37	3
Projection	12484	12484	90.10	321.84	N 38.2 W	68	6872.57	5575.47	3530.76	-4315.10	5575.51	309.29	0.00	0.00	0.00	3

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