



Company: Jay Bee Oil & Gas
 Well: Gorby 1
 Location: Tyler Co., WV
 Rig: Falcon 39
 API No: 47-095-02794-00-00
 Start Date: 10/04/22 Start Depth: 329

Job Number: 70558 Calculation Method: Minimum Curvature
 Magnetic Declination: -7.64 Proposed Azimuth: 165.27
 Grid Correction: -0.82 Depth Ref: RKB 1293.67 Plan # 3
 Total Correction: -6.82 Field: Appalachian / Marcellus
 North reference: Grid Location Lat/Long: 39.4675477, -80.7976297
 End Date: 10/20/22 End Depth: 13237

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	329.67	329.67	2.50	133.36	S 46.6 E	0	329.42	0.03	-1.18	-4.38	0	0	0	0	0	0
1st Svy	521	433	1.71	62.19	N 62.2 E	103	432.69	1.59	-2.01	-1.38	2.44	214.45	2.45	-0.76	-68.88	1
Velocity	564	476	1.58	43.24	N 43.2 E	43	475.68	1.13	-1.28	-0.40	1.34	197.55	1.29	-0.30	-44.07	1
Velocity	607	519	1.50	27.64	N 27.6 E	43	518.66	0.40	-0.35	0.26	0.44	142.76	0.99	-0.19	-36.28	1
Velocity	649	561	1.66	19.91	N 19.9 E	42	560.65	-0.50	0.71	0.73	1.02	45.52	0.63	0.38	-18.40	1
Velocity	692	604	1.39	16.55	N 16.6 E	43	603.63	-1.46	1.80	1.09	2.10	31.14	0.66	-0.63	-7.81	1
Velocity	735	647	0.86	6.29	N 6.3 E	43	646.62	-2.21	2.62	1.27	2.91	25.88	1.31	-1.23	-23.86	1
Velocity	779	691	0.76	355.74	N 4.3 W	44	690.62	-2.80	3.24	1.28	3.48	21.64	0.41	-0.23	-23.98	1
Velocity	822	734	0.73	348.30	N 11.7 W	43	733.61	-3.36	3.79	1.21	3.98	17.68	0.24	-0.07	-17.30	1
Velocity	865	777	0.73	351.87	N 8.1 W	43	776.61	-3.90	4.33	1.11	4.47	14.42	0.11	0.00	8.30	1
Velocity	907	819	0.79	350.69	N 9.3 W	42	818.61	-4.46	4.88	1.03	4.99	11.91	0.15	0.14	-2.81	1
Velocity	951	863	0.66	351.54	N 8.5 W	44	862.60	-5.01	5.43	0.94	5.51	9.85	0.30	-0.30	1.93	1
Velocity	993	905	0.40	0.75	N 0.8 E	42	904.60	-5.39	5.82	0.91	5.89	8.88	0.65	-0.62	21.93	1
Velocity	1037	949	0.09	44.81	N 44.8 E	44	948.60	-5.56	5.99	0.94	6.07	8.87	0.78	-0.70	100.14	1
Velocity	1079	991	0.14	155.53	S 24.5 E	42	990.60	-5.53	5.97	0.98	6.05	9.32	0.46	0.12	263.62	1
Velocity	1123	1035	0.07	83.91	N 83.9 E	44	1034.60	-5.47	5.93	1.03	6.01	9.85	0.31	-0.16	-162.77	1
Velocity	1166	1078	0.12	173.14	S 6.9 E	43	1077.60	-5.42	5.88	1.06	5.98	10.22	0.32	0.12	207.51	1
Velocity	1209	1121	0.17	160.80	S 19.2 E	43	1120.60	-5.31	5.78	1.09	5.88	10.65	0.14	0.12	-28.70	1
Velocity	1252	1164	0.18	136.03	S 44.0 E	43	1163.60	-5.19	5.67	1.15	5.79	11.51	0.18	0.02	-57.60	1
Velocity	1294	1206	0.19	153.28	S 26.7 E	42	1205.60	-5.06	5.56	1.23	5.69	12.49	0.13	0.02	41.07	1
Velocity	1336	1248	0.29	160.53	S 19.5 E	42	1247.60	-4.89	5.40	1.30	5.55	13.53	0.25	0.24	17.26	1
Velocity	1380	1292	0.27	161.36	S 18.6 E	44	1291.60	-4.68	5.19	1.37	5.37	14.76	0.05	-0.05	1.89	1
Velocity	1423	1335	0.29	155.19	S 24.8 E	43	1334.60	-4.47	5.00	1.45	5.20	16.14	0.08	0.05	-14.35	1
Velocity	1466	1378	0.28	167.72	S 12.3 E	43	1377.60	-4.25	4.80	1.51	5.03	17.52	0.15	-0.02	29.14	1
Velocity	1508	1420	0.24	169.65	S 10.4 E	42	1419.60	-4.06	4.61	1.55	4.87	18.61	0.10	-0.10	4.60	1
Velocity	1551	1463	0.31	169.70	S 10.3 E	43	1462.60	-3.86	4.41	1.59	4.69	19.83	0.16	0.16	0.12	1
Velocity	1593	1505	0.26	172.84	S 7.2 E	42	1504.60	-3.65	4.20	1.62	4.50	21.10	0.12	-0.12	7.48	1
Velocity	1636	1548	0.24	166.60	S 13.4 E	43	1547.60	-3.46	4.02	1.65	4.34	22.39	0.08	-0.05	-14.51	1
Velocity	1679	1591	0.32	163.08	S 16.9 E	43	1590.60	-3.25	3.81	1.71	4.18	24.15	0.19	0.19	-8.19	1
Velocity	1722	1634	0.33	160.22	S 19.8 E	43	1633.60	-3.01	3.58	1.79	4.00	26.51	0.04	0.02	-6.65	1
Velocity	1764	1676	0.33	157.72	S 22.3 E	42	1675.59	-2.77	3.36	1.87	3.85	29.17	0.03	0.00	-5.95	1
Velocity	1807	1719	0.23	162.16	S 17.8 E	43	1718.59	-2.56	3.16	1.95	3.71	31.64	0.24	-0.23	10.33	1
Velocity	1850	1762	0.05	203.38	S 23.4 W	43	1761.59	-2.46	3.06	1.97	3.64	32.71	0.45	-0.42	95.86	1

Velocity	1893	1805	0.13	301.93	N 58.1 W	43	1804.59	-2.48	3.07	1.92	3.62	31.99	0.34	0.19	229.19	1
Velocity	1936	1848	0.67	301.44	N 58.6 W	43	1847.59	-2.70	3.23	1.66	3.63	27.25	1.26	1.26	-1.14	1
Velocity	1979	1891	1.63	299.57	N 60.4 W	43	1890.58	-3.31	3.66	0.92	3.77	14.04	2.23	2.23	-4.35	1
Velocity	2021	1933	2.69	299.74	N 60.3 W	42	1932.55	-4.41	4.44	-0.46	4.47	354.09	2.52	2.52	0.40	1
Velocity	2064	1976	3.72	297.61	N 62.4 W	43	1975.49	-6.06	5.59	-2.57	6.15	335.29	2.41	2.40	-4.95	1
Velocity	2106	2018	4.86	296.58	N 63.4 W	42	2017.37	-8.15	7.02	-5.37	8.84	322.57	2.72	2.71	-2.45	1
Velocity	2149	2061	5.87	296.20	N 63.8 W	43	2060.18	-10.80	8.80	-8.97	12.57	314.46	2.35	2.35	-0.88	1
Velocity	2193	2105	6.78	294.90	N 65.1 W	44	2103.91	-13.93	10.89	-13.35	17.23	309.21	2.09	2.07	-2.95	1
Velocity	2236	2148	7.51	294.54	N 65.5 W	43	2146.58	-17.32	13.13	-18.21	22.45	305.79	1.70	1.70	-0.84	1
Velocity	2278	2190	8.58	293.72	N 66.3 W	42	2188.16	-21.01	15.53	-23.57	28.23	303.37	2.56	2.55	-1.95	1
Velocity	2320	2232	9.26	293.34	N 66.7 W	42	2229.65	-25.04	18.13	-29.54	34.66	301.53	1.63	1.62	-0.90	1
Velocity	2363	2275	9.67	290.60	N 69.4 W	43	2272.07	-29.26	20.77	-36.10	41.65	299.91	1.42	0.95	-6.37	1
Velocity	2405	2317	10.10	288.54	N 71.5 W	42	2313.44	-33.32	23.18	-42.89	48.76	298.39	1.33	1.02	-4.90	1
Velocity	2448	2360	10.40	288.00	N 72.0 W	43	2355.76	-37.49	25.58	-50.16	56.30	297.02	0.73	0.70	-1.26	1
Velocity	2492	2404	10.29	288.27	N 71.7 W	44	2399.04	-41.78	28.04	-57.67	64.12	295.93	0.27	-0.25	0.61	1
Velocity	2535	2447	9.24	288.28	N 71.7 W	43	2441.42	-45.75	30.32	-64.59	71.36	295.15	2.44	-2.44	0.02	1
Velocity	2602	2523	9.21	286.92	N 73.1 W	76	2516.44	-52.27	34.01	-76.21	83.45	294.05	0.29	-0.04	-1.79	2
Velocity	2689	2610	8.66	277.00	N 83.0 W	87	2602.39	-58.35	36.83	-89.37	96.66	292.40	1.88	-0.63	-11.40	2
Velocity	2732	2653	8.95	275.71	N 84.3 W	43	2644.88	-60.71	37.56	-95.91	103.00	291.39	0.82	0.67	-3.00	2
Velocity	2777	2698	11.23	274.10	N 85.9 W	45	2689.18	-63.35	38.22	-103.76	110.58	290.22	5.10	5.07	-3.58	2
Velocity	2820	2741	10.83	271.42	N 88.6 W	43	2731.39	-65.82	38.62	-111.98	118.45	289.03	1.51	-0.93	-6.23	2
Velocity	2863	2784	10.23	276.40	N 83.6 W	43	2773.66	-68.32	39.15	-119.81	126.05	288.09	2.53	-1.40	11.58	2
Velocity	2906	2827	10.39	289.20	N 70.8 W	43	2815.97	-71.87	40.85	-127.27	133.66	287.79	5.33	0.37	29.77	2
Velocity	2949	2870	10.41	290.44	N 69.6 W	43	2858.27	-76.27	43.48	-134.57	141.42	287.91	0.52	0.05	2.88	2
Velocity	2992	2913	9.44	289.48	N 70.5 W	43	2900.62	-80.49	46.01	-141.54	148.83	288.01	2.29	-2.26	-2.23	2
Velocity	3035	2956	8.46	288.83	N 71.2 W	43	2943.10	-84.22	48.21	-147.86	155.52	288.06	2.29	-2.28	-1.51	2
Velocity	3079	3000	8.12	294.99	N 65.0 W	44	2986.64	-87.99	50.57	-153.74	161.84	288.21	2.16	-0.77	14.00	2
Velocity	3123	3044	7.96	296.50	N 63.5 W	44	3030.21	-91.99	53.24	-159.28	167.94	288.48	0.60	-0.36	3.43	2
Velocity	3167	3088	7.74	293.49	N 66.5 W	44	3073.80	-95.83	55.78	-164.72	173.91	288.71	1.06	-0.50	-6.84	2
Velocity	3211	3132	7.39	290.96	N 69.0 W	44	3117.41	-99.31	57.97	-170.08	179.69	288.82	1.10	-0.80	-5.75	2
Velocity	3255	3176	8.00	295.51	N 64.5 W	44	3161.02	-102.94	60.30	-175.49	185.56	288.96	1.96	1.39	10.34	2
Velocity	3299	3220	8.19	295.35	N 64.7 W	44	3204.58	-106.94	62.96	-181.08	191.72	289.17	0.43	0.43	-0.36	2
Velocity	3342	3263	7.98	292.33	N 67.7 W	43	3247.15	-110.71	65.41	-186.61	197.74	289.32	1.10	-0.49	-7.02	2
Velocity	3386	3307	7.56	291.12	N 68.9 W	44	3290.75	-114.24	67.61	-192.14	203.69	289.39	1.02	-0.95	-2.75	2
Velocity	3430	3351	8.28	294.46	N 65.5 W	44	3334.33	-117.94	69.97	-197.72	209.74	289.49	1.94	1.64	7.59	2
Velocity	3474	3395	8.55	293.40	N 66.6 W	44	3377.85	-121.96	72.58	-203.61	216.16	289.62	0.71	0.61	-2.41	2
Velocity	3517	3438	8.28	290.03	N 70.0 W	43	3420.39	-125.70	74.91	-209.45	222.44	289.68	1.31	-0.63	-7.84	2
Velocity	3561	3482	8.96	291.75	N 68.3 W	44	3463.89	-129.55	77.26	-215.61	229.03	289.72	1.65	1.55	3.91	2
Velocity	3605	3526	9.32	291.97	N 68.0 W	44	3507.33	-133.71	79.87	-222.10	236.02	289.78	0.82	0.82	0.50	2
Velocity	3649	3570	9.12	291.49	N 68.5 W	44	3550.77	-137.90	82.48	-228.64	243.07	289.84	0.49	-0.45	-1.09	2
Velocity	3694	3615	8.76	291.09	N 68.9 W	45	3595.22	-142.01	85.02	-235.16	250.06	289.88	0.81	-0.80	-0.89	2
Velocity	3738	3659	8.44	288.65	N 71.4 W	44	3638.73	-145.75	87.25	-241.35	256.63	289.88	1.10	-0.73	-5.55	2
Velocity	3782	3703	8.88	292.93	N 67.1 W	44	3682.22	-149.60	89.61	-247.53	263.25	289.90	1.77	1.00	9.73	2

Velocity	3825	3746	8.89	294.03	N 66.0 W	43	3724.71	-153.71	92.26	-253.62	269.88	289.99	0.40	0.02	2.56	2
Velocity	3867	3788	9.25	294.97	N 65.0 W	42	3766.18	-157.90	95.00	-259.65	276.48	290.10	0.93	0.86	2.24	2
Velocity	3912	3833	9.35	295.12	N 64.9 W	45	3810.59	-162.55	98.08	-266.24	283.73	290.22	0.23	0.22	0.33	2
Velocity	3956	3877	9.80	297.67	N 62.3 W	44	3853.98	-167.37	101.34	-272.79	291.00	290.38	1.41	1.02	5.80	2
Velocity	4000	3921	9.78	297.69	N 62.3 W	44	3897.34	-172.41	104.81	-279.41	298.43	290.56	0.05	-0.05	0.05	2
Velocity	4043	3964	9.46	295.45	N 64.6 W	43	3939.73	-177.16	108.03	-285.84	305.57	290.70	1.15	-0.74	-5.21	2
Velocity	4086	4007	9.04	291.89	N 68.1 W	43	3982.17	-181.45	110.81	-292.17	312.47	290.77	1.65	-0.98	-8.28	2
Velocity	4130	4051	8.59	287.95	N 72.1 W	44	4025.65	-185.29	113.11	-298.50	319.21	290.75	1.71	-1.02	-8.95	2
Velocity	4173	4094	9.20	292.62	N 67.4 W	43	4068.14	-189.11	115.42	-304.73	325.85	290.74	2.20	1.42	10.86	2
Velocity	4216	4137	9.85	297.13	N 62.9 W	43	4110.55	-193.65	118.42	-311.17	332.94	290.83	2.30	1.51	10.49	2
Velocity	4259	4180	9.86	296.34	N 63.7 W	43	4152.91	-198.52	121.73	-317.75	340.27	290.96	0.32	0.02	-1.84	2
Velocity	4302	4223	9.28	293.81	N 66.2 W	43	4195.31	-203.10	124.76	-324.22	347.39	291.05	1.67	-1.35	-5.88	2
Velocity	4345	4266	8.82	291.57	N 68.4 W	43	4237.78	-207.21	127.37	-330.46	354.15	291.08	1.35	-1.07	-5.21	2
Velocity	4388	4309	9.01	296.95	N 63.1 W	43	4280.26	-211.40	130.11	-336.52	360.80	291.14	1.99	0.44	12.51	2
Velocity	4432	4353	9.50	300.53	N 59.5 W	44	4323.69	-216.27	133.52	-342.72	367.81	291.29	1.72	1.11	8.14	2
Velocity	4475	4396	9.03	296.90	N 63.1 W	43	4366.13	-221.03	136.85	-348.79	374.67	291.42	1.74	-1.09	-8.44	2
Velocity	4517	4438	8.51	284.80	N 75.2 W	42	4407.64	-224.76	139.13	-354.73	381.04	291.42	4.55	-1.24	-28.81	2
Velocity	4559	4480	8.42	274.29	N 85.7 W	42	4449.18	-227.29	140.16	-360.80	387.07	291.23	3.68	-0.21	-25.02	2
Velocity	4603	4524	8.66	279.10	N 80.9 W	44	4492.70	-229.68	140.92	-367.29	393.39	290.99	1.71	0.55	10.93	2
Velocity	4648	4569	9.78	282.13	N 77.9 W	45	4537.11	-232.77	142.26	-374.37	400.49	290.81	2.71	2.49	6.73	2
Velocity	4694	4615	9.63	287.19	N 72.8 W	46	4582.46	-236.57	144.22	-381.86	408.19	290.69	1.88	-0.33	11.00	2
Velocity	4736	4657	9.36	287.47	N 72.5 W	42	4623.88	-240.25	146.28	-388.48	415.11	290.63	0.65	-0.64	0.67	2
Velocity	4779	4700	9.61	291.74	N 68.3 W	43	4666.29	-244.25	148.66	-395.15	422.19	290.62	1.74	0.58	9.93	2
Velocity	4823	4744	10.82	301.63	N 58.4 W	44	4709.60	-249.42	152.19	-402.08	429.91	290.73	4.83	2.75	22.48	2
Velocity	4865	4786	11.71	303.07	N 56.9 W	42	4750.79	-255.43	156.58	-409.00	437.95	290.95	2.22	2.12	3.43	2
Velocity	4909	4830	11.05	300.38	N 59.6 W	44	4793.92	-261.73	161.15	-416.38	446.48	291.16	1.92	-1.50	-6.11	2
Velocity	4951	4872	10.02	296.27	N 63.7 W	42	4835.22	-266.98	164.80	-423.13	454.09	291.28	3.03	-2.45	-9.79	2
Velocity	4993	4914	8.90	290.41	N 69.6 W	42	4876.64	-271.24	167.55	-429.46	460.98	291.31	3.51	-2.67	-13.95	2
Velocity	5035	4956	8.71	292.74	N 67.3 W	42	4918.15	-275.05	169.92	-435.43	467.41	291.32	0.96	-0.45	5.55	2
Velocity	5078	4999	9.56	297.37	N 62.6 W	43	4960.60	-279.42	172.82	-441.61	474.22	291.37	2.61	1.98	10.77	2
Velocity	5162	5083	9.67	296.31	N 63.7 W	84	5043.42	-288.73	179.15	-454.13	488.19	291.53	0.25	0.13	-1.26	2
Velocity	5247	5168	9.27	299.59	N 60.4 W	85	5127.27	-298.20	185.70	-466.48	502.08	291.71	0.79	-0.47	3.86	2
Velocity	5334	5255	9.09	294.29	N 65.7 W	87	5213.15	-307.42	191.98	-478.84	515.89	291.85	0.99	-0.21	-6.09	2
Velocity	5422	5343	10.79	299.86	N 60.1 W	88	5299.83	-317.58	198.94	-492.32	530.99	292.00	2.22	1.93	6.33	2
Velocity	5508	5429	10.04	299.12	N 60.9 W	86	5384.41	-328.43	206.60	-505.85	546.41	292.22	0.89	-0.87	-0.86	2
Velocity	5593	5514	9.65	299.18	N 60.8 W	85	5468.16	-338.50	213.68	-518.54	560.84	292.40	0.46	-0.46	0.07	2
Velocity	5680	5601	9.84	300.29	N 59.7 W	87	5553.91	-348.82	220.98	-531.33	575.45	292.58	0.31	0.22	1.28	2
Velocity	5765	5686	10.58	298.04	N 62.0 W	85	5637.56	-359.26	228.32	-544.49	590.42	292.75	0.99	0.87	-2.65	2
Velocity	5849	5770	10.55	295.33	N 64.7 W	84	5720.14	-369.44	235.23	-558.24	605.78	292.85	0.59	-0.04	-3.23	2
Velocity	5936	5857	8.94	299.55	N 60.5 W	87	5805.88	-379.29	241.97	-571.32	620.45	292.95	2.02	-1.85	4.85	2
Velocity	6021	5942	8.37	302.56	N 57.4 W	85	5889.91	-388.44	248.56	-582.28	633.12	293.12	0.86	-0.67	3.54	2
Velocity	6108	6029	8.88	295.11	N 64.9 W	87	5975.93	-397.40	254.82	-593.70	646.07	293.23	1.41	0.59	-8.56	2
Velocity	6195	6116	9.03	294.01	N 66.0 W	87	6061.87	-405.97	260.44	-606.02	659.61	293.26	0.26	0.17	-1.26	2

Velocity	6281	6202	8.06	291.46	N 68.5 W	86	6146.92	-413.76	265.40	-617.79	672.39	293.25	1.21	-1.13	-2.97	2
Velocity	6316	6248	7.59	291.18	N 68.8 W	46	6192.49	-417.44	267.67	-623.63	678.65	293.23	1.03	-1.02	-0.61	3
Velocity	6359	6291	7.59	290.03	N 70.0 W	43	6235.11	-420.73	269.67	-628.94	684.32	293.21	0.35	0.00	-2.67	3
Velocity	6402	6334	8.57	267.44	S 87.4 W	43	6277.69	-423.02	270.50	-634.81	690.04	293.08	7.67	2.28	-52.53	3
Velocity	6445	6377	12.93	246.64	S 66.6 W	43	6319.94	-422.98	268.45	-642.44	696.27	292.68	13.42	10.14	-48.37	3
Velocity	6488	6420	16.53	232.25	S 52.3 W	43	6361.54	-419.86	262.79	-651.70	702.69	291.96	11.88	8.37	-33.47	3
Velocity	6531	6463	18.79	219.86	S 39.9 W	43	6402.52	-413.45	253.73	-660.98	708.00	291.00	10.17	5.26	-28.81	3
Velocity	6574	6506	21.20	209.73	S 29.7 W	43	6442.94	-403.89	241.66	-669.27	711.57	289.85	9.79	5.60	-23.56	3
Velocity	6617	6549	23.30	199.97	S 20.0 W	43	6482.75	-391.34	226.90	-676.04	713.10	288.55	9.87	4.88	-22.70	3
Velocity	6660	6592	26.32	194.91	S 14.9 W	43	6521.78	-376.06	209.69	-681.40	712.93	287.11	8.58	7.02	-11.77	3
Velocity	6703	6635	29.65	190.17	S 10.2 W	43	6559.75	-358.12	190.01	-685.73	711.57	285.49	9.31	7.74	-11.02	3
Velocity	6746	6678	32.84	184.82	S 4.8 W	43	6596.52	-337.47	167.91	-688.59	708.76	283.70	9.83	7.42	-12.44	3
Velocity	6788	6720	35.73	179.16	S 0.8 E	42	6631.23	-314.83	144.29	-689.37	704.30	281.82	10.24	6.88	-13.48	3
Velocity	6831	6763	38.33	177.35	S 2.7 E	43	6665.55	-289.59	118.41	-688.56	698.67	279.76	6.56	6.05	-4.21	3
Velocity	6873	6805	42.11	174.76	S 5.2 E	42	6697.62	-262.96	91.36	-686.68	692.73	277.58	9.84	9.00	-6.17	3
Velocity	6916	6848	43.82	175.17	S 4.8 E	43	6729.08	-234.07	62.17	-684.11	686.92	275.19	4.03	3.98	0.95	3
Velocity	6959	6891	47.64	170.78	S 9.2 E	43	6759.10	-203.57	31.64	-680.30	681.04	272.66	11.50	8.88	-10.21	3
Velocity	7002	6934	50.64	163.49	S 16.5 E	43	6787.25	-171.11	-0.01	-673.03	673.03	270.00	14.59	6.98	-16.95	3
Velocity	7045	6977	54.73	158.38	S 21.6 E	43	6813.32	-137.04	-32.30	-661.83	662.61	267.21	13.40	9.51	-11.88	3
Velocity	7088	7020	58.65	155.09	S 24.9 E	43	6836.94	-101.52	-65.29	-647.62	650.90	264.24	11.13	9.12	-7.65	3
Velocity	7132	7064	62.94	152.54	S 27.5 E	44	6858.40	-63.90	-99.73	-630.66	638.50	261.01	10.98	9.75	-5.80	3
Velocity	7174	7106	67.34	152.66	S 27.3 E	42	6876.06	-26.73	-133.56	-613.13	627.50	257.71	10.48	10.48	0.29	3
Velocity	7217	7149	71.78	152.99	S 27.0 E	43	6891.07	12.61	-169.40	-594.73	618.38	254.10	10.35	10.33	0.77	3
Velocity	7259	7191	75.41	155.98	S 24.0 E	42	6902.93	52.18	-205.75	-577.39	612.95	250.39	11.01	8.64	7.12	3
Velocity	7301	7233	81.35	157.49	S 22.5 E	42	6911.39	92.84	-243.53	-561.15	611.72	246.54	14.57	14.14	3.60	3
Velocity	7343	7275	87.48	157.74	S 22.3 E	42	6915.47	134.25	-282.16	-545.24	613.93	242.64	14.61	14.60	0.60	3
Velocity	7386	7318	90.28	157.06	S 22.9 E	43	6916.31	176.83	-321.85	-528.72	618.98	238.67	6.70	6.51	-1.58	3
Velocity	7429	7361	90.15	156.50	S 23.5 E	43	6916.15	219.36	-361.36	-511.77	626.49	234.77	1.34	-0.30	-1.30	3
Velocity	7472	7404	90.27	158.27	S 21.7 E	43	6916.00	261.95	-401.06	-495.24	637.26	231.00	4.13	0.28	4.12	3
Velocity	7516	7448	91.59	160.45	S 19.6 E	44	6915.28	305.71	-442.22	-479.73	652.46	227.33	5.79	3.00	4.95	3
Velocity	7558	7490	91.44	160.38	S 19.6 E	42	6914.17	347.54	-481.78	-465.66	670.03	224.03	0.39	-0.36	-0.17	3
Velocity	7600	7532	91.58	160.18	S 19.8 E	42	6913.06	389.37	-521.30	-451.49	689.64	220.90	0.58	0.33	-0.48	3
Velocity	7643	7575	91.64	160.32	S 19.7 E	43	6911.86	432.19	-561.76	-436.96	711.69	217.88	0.35	0.14	0.33	3
Velocity	7685	7617	90.30	160.35	S 19.7 E	42	6911.14	474.03	-601.30	-422.83	735.08	215.11	3.19	-3.19	0.07	3
Velocity	7729	7661	90.30	161.07	S 18.9 E	44	6910.91	517.89	-642.83	-408.30	761.53	212.42	1.64	0.00	1.64	3
Velocity	7771	7703	90.41	160.90	S 19.1 E	42	6910.65	559.77	-682.54	-394.61	788.40	210.03	0.48	0.26	-0.40	3
Velocity	7813	7745	90.27	160.36	S 19.6 E	42	6910.40	601.63	-722.16	-380.68	816.35	207.80	1.33	-0.33	-1.29	3
Velocity	7857	7789	90.25	160.36	S 19.6 E	44	6910.20	645.47	-763.60	-365.89	846.74	205.60	0.05	-0.05	0.00	3
Velocity	7900	7832	89.15	158.81	S 21.2 E	43	6910.43	688.25	-803.89	-350.90	877.14	203.58	4.42	-2.56	-3.60	3
Velocity	7946	7878	88.87	159.39	S 20.6 E	46	6911.22	733.98	-846.86	-334.49	910.53	201.55	1.40	-0.61	1.26	3
Velocity	7989	7921	88.98	158.64	S 21.4 E	43	6912.03	776.72	-887.00	-319.09	942.65	199.79	1.76	0.26	-1.74	3
Velocity	8033	7965	88.98	158.11	S 21.9 E	44	6912.81	820.39	-927.90	-302.88	976.08	198.08	1.20	0.00	-1.20	3
Velocity	8077	8009	88.79	158.06	S 21.9 E	44	6913.67	864.04	-968.71	-286.46	1010.18	196.47	0.45	-0.43	-0.11	3

Velocity	8121	8053	88.81	158.41	S 21.6 E	44	6914.59	907.70	-1009.57	-270.15	1045.09	194.98	0.80	0.05	0.80	3
Velocity	8164	8096	88.76	158.37	S 21.6 E	43	6915.50	950.38	-1049.53	-254.32	1079.91	193.62	0.15	-0.12	-0.09	3
Velocity	8207	8139	88.81	158.30	S 21.7 E	43	6916.42	993.05	-1089.49	-238.45	1115.28	192.35	0.20	0.12	-0.16	3
Velocity	8250	8182	88.88	158.65	S 21.4 E	43	6917.28	1035.74	-1129.48	-222.67	1151.22	191.15	0.83	0.16	0.81	3
Velocity	8293	8225	89.79	159.92	S 20.1 E	43	6917.78	1078.50	-1169.70	-207.46	1187.95	190.06	3.63	2.12	2.95	3
Velocity	8336	8268	90.21	159.77	S 20.2 E	43	6917.78	1121.31	-1210.06	-192.65	1225.30	189.05	1.04	0.98	-0.35	3
Velocity	8380	8312	90.24	159.26	S 20.7 E	44	6917.61	1165.09	-1251.28	-177.25	1263.77	188.06	1.16	0.07	-1.16	3
Velocity	8424	8356	90.18	157.16	S 22.8 E	44	6917.45	1208.75	-1292.13	-160.92	1302.12	187.10	4.77	-0.14	-4.77	3
Velocity	8466	8398	90.08	156.19	S 23.8 E	42	6917.35	1250.28	-1330.70	-144.29	1338.50	186.19	2.32	-0.24	-2.31	3
Velocity	8510	8442	90.22	156.82	S 23.2 E	44	6917.24	1293.77	-1371.05	-126.75	1376.90	185.28	1.47	0.32	1.43	3
Velocity	8554	8486	90.48	159.52	S 20.5 E	44	6916.97	1337.42	-1411.89	-110.39	1416.20	184.47	6.16	0.59	6.14	3
Velocity	8598	8530	90.65	159.66	S 20.3 E	44	6916.53	1381.21	-1453.13	-95.04	1456.23	183.74	0.50	0.39	0.32	3
Velocity	8642	8574	90.76	159.37	S 20.6 E	44	6915.99	1424.98	-1494.34	-79.65	1496.46	183.05	0.70	0.25	-0.66	3
Velocity	8683	8615	89.30	158.91	S 21.1 E	41	6915.97	1465.74	-1532.65	-65.05	1534.03	182.43	3.73	-3.56	-1.12	3
Velocity	8725	8657	89.16	158.87	S 21.1 E	42	6916.54	1507.48	-1571.83	-49.92	1572.62	181.82	0.35	-0.33	-0.10	3
Velocity	8769	8701	89.30	159.04	S 21.0 E	44	6917.13	1551.21	-1612.89	-34.12	1613.25	181.21	0.50	0.32	0.39	3
Velocity	8812	8744	89.30	159.72	S 20.3 E	43	6917.65	1593.98	-1653.14	-18.98	1653.24	180.66	1.58	0.00	1.58	3
Velocity	8856	8788	89.30	158.83	S 21.2 E	44	6918.19	1637.73	-1694.28	-3.41	1694.29	180.12	2.02	0.00	-2.02	3
Velocity	8899	8831	89.07	158.87	S 21.1 E	43	6918.80	1680.46	-1734.38	12.10	1734.43	179.60	0.54	-0.53	0.09	3
Velocity	8942	8874	88.45	158.66	S 21.3 E	43	6919.73	1723.17	-1774.46	27.67	1774.67	179.11	1.52	-1.44	-0.49	3
Velocity	8986	8918	89.33	159.75	S 20.3 E	44	6920.59	1766.92	-1815.58	43.29	1816.10	178.63	3.18	2.00	2.48	3
Velocity	9030	8962	88.96	159.26	S 20.7 E	44	6921.24	1810.69	-1856.79	58.69	1857.72	178.19	1.40	-0.84	-1.11	3
Velocity	9073	9005	89.90	159.78	S 20.2 E	43	6921.67	1853.47	-1897.07	73.74	1898.50	177.77	2.50	2.19	1.21	3
Velocity	9117	9049	91.05	159.45	S 20.6 E	44	6921.30	1897.25	-1938.31	89.06	1940.36	177.37	2.72	2.61	-0.75	3
Velocity	9161	9093	90.72	159.30	S 20.7 E	44	6920.63	1941.02	-1979.49	104.56	1982.25	176.98	0.82	-0.75	-0.34	3
Velocity	9205	9137	90.53	159.02	S 21.0 E	44	6920.15	1984.76	-2020.61	120.21	2024.18	176.60	0.77	-0.43	-0.64	3
Velocity	9249	9181	90.33	158.25	S 21.8 E	44	6919.81	2028.47	-2061.58	136.24	2066.08	176.22	1.81	-0.45	-1.75	3
Velocity	9292	9224	89.70	157.16	S 22.8 E	43	6919.80	2071.09	-2101.37	152.56	2106.90	175.85	2.93	-1.47	-2.53	3
Velocity	9337	9269	90.04	159.54	S 20.5 E	45	6919.91	2115.76	-2143.19	169.16	2149.85	175.49	5.34	0.76	5.29	3
Velocity	9380	9312	90.07	159.47	S 20.5 E	43	6919.86	2158.54	-2183.47	184.21	2191.22	175.18	0.18	0.07	-0.16	3
Velocity	9423	9355	89.73	158.98	S 21.0 E	43	6919.94	2201.30	-2223.67	199.46	2232.60	174.87	1.39	-0.79	-1.14	3
Velocity	9467	9399	88.87	160.49	S 19.5 E	44	6920.48	2245.09	-2264.94	214.70	2275.09	174.58	3.95	-1.95	3.43	3
Velocity	9511	9443	89.02	159.98	S 20.0 E	44	6921.29	2288.92	-2306.34	229.58	2317.74	174.32	1.21	0.34	-1.16	3
Velocity	9553	9485	89.07	161.91	S 18.1 E	42	6921.99	2330.79	-2346.03	243.29	2358.61	174.08	4.60	0.12	4.60	3
Velocity	9598	9530	89.02	162.65	S 17.4 E	45	6922.74	2375.72	-2388.89	256.98	2402.67	173.86	1.65	-0.11	1.64	3
Velocity	9639	9571	90.35	163.77	S 16.2 E	41	6922.96	2416.69	-2428.14	268.83	2442.98	173.68	4.24	3.24	2.73	3
Velocity	9683	9615	90.69	163.49	S 16.5 E	44	6922.56	2460.67	-2470.36	281.23	2486.31	173.51	1.00	0.77	-0.64	3
Velocity	9727	9659	90.55	163.11	S 16.9 E	44	6922.09	2504.64	-2512.50	293.87	2529.63	173.33	0.92	-0.32	-0.86	3
Velocity	9770	9702	90.10	162.80	S 17.2 E	43	6921.84	2547.61	-2553.61	306.47	2571.93	173.16	1.27	-1.05	-0.72	3
Velocity	9812	9744	89.73	163.13	S 16.9 E	42	6921.91	2589.57	-2593.77	318.78	2613.28	172.99	1.18	-0.88	0.79	3
Velocity	9856	9788	89.65	162.34	S 17.7 E	44	6922.14	2633.53	-2635.78	331.84	2656.59	172.82	1.80	-0.18	-1.80	3
Velocity	9899	9831	89.22	161.48	S 18.5 E	43	6922.57	2676.45	-2676.65	345.19	2698.82	172.65	2.24	-1.00	-2.00	3
Velocity	9942	9874	89.41	162.75	S 17.3 E	43	6923.08	2719.38	-2717.57	358.39	2741.10	172.49	2.99	0.44	2.95	3

Velocity	9984	9916	89.39	162.84	S 17.2 E	42	6923.52	2761.34	-2757.69	370.81	2782.51	172.34	0.22	-0.05	0.21	3
Velocity	10026	9958	89.11	163.23	S 16.8 E	42	6924.07	2803.31	-2797.86	383.07	2823.96	172.20	1.14	-0.67	0.93	3
Velocity	10069	10001	89.01	164.49	S 15.5 E	43	6924.78	2846.29	-2839.16	395.02	2866.51	172.08	2.94	-0.23	2.93	3
Velocity	10111	10043	88.82	162.84	S 17.2 E	42	6925.57	2888.26	-2879.45	406.83	2908.05	171.96	3.95	-0.45	-3.93	3
Velocity	10153	10085	89.38	161.44	S 18.6 E	42	6926.23	2930.19	-2919.42	419.71	2949.44	171.82	3.59	1.33	-3.33	3
Velocity	10195	10127	90.67	160.95	S 19.1 E	42	6926.21	2972.09	-2959.18	433.25	2990.73	171.67	3.29	3.07	-1.17	3
Velocity	10238	10170	91.62	159.75	S 20.3 E	43	6925.35	3014.92	-2999.67	447.70	3032.89	171.51	3.56	2.21	-2.79	3
Velocity	10280	10212	91.66	158.85	S 21.2 E	42	6924.15	3056.67	-3038.94	462.54	3073.94	171.35	2.14	0.10	-2.14	3
Velocity	10322	10254	91.78	159.45	S 20.6 E	42	6922.89	3098.41	-3078.17	477.48	3114.99	171.18	1.46	0.29	1.43	3
Velocity	10364	10296	89.39	157.14	S 22.9 E	42	6922.46	3140.10	-3117.19	493.01	3155.93	171.01	7.91	-5.69	-5.50	3
Velocity	10406	10338	87.31	155.37	S 24.6 E	42	6923.67	3181.56	-3155.61	509.92	3196.55	170.82	6.50	-4.95	-4.21	3
Velocity	10449	10381	88.79	155.99	S 24.0 E	43	6925.14	3223.93	-3194.77	527.62	3238.05	170.62	3.73	3.44	1.44	3
Velocity	10491	10423	88.55	156.63	S 23.4 E	42	6926.11	3265.40	-3233.22	544.49	3278.75	170.44	1.63	-0.57	1.52	3
Velocity	10533	10465	87.24	155.03	S 25.0 E	42	6927.65	3306.81	-3271.51	561.67	3319.38	170.26	4.92	-3.12	-3.81	3
Velocity	10575	10507	86.99	155.96	S 24.0 E	42	6929.77	3348.14	-3309.68	579.07	3359.96	170.08	2.29	-0.60	2.21	3
Velocity	10617	10549	86.64	155.05	S 25.0 E	42	6932.10	3389.47	-3347.84	596.45	3400.56	169.90	2.32	-0.83	-2.17	3
Velocity	10660	10592	86.45	155.36	S 24.6 E	43	6934.69	3431.73	-3386.81	614.45	3442.09	169.72	0.84	-0.44	0.72	3
Velocity	10702	10634	87.21	156.09	S 23.9 E	42	6937.01	3473.09	-3425.03	631.69	3482.80	169.55	2.51	1.81	1.74	3
Velocity	10746	10678	88.62	157.39	S 22.6 E	44	6938.62	3516.57	-3465.43	649.06	3525.69	169.39	4.36	3.20	2.95	3
Velocity	10788	10720	88.58	157.62	S 22.4 E	42	6939.64	3558.17	-3504.22	665.12	3566.78	169.25	0.56	-0.10	0.55	3
Velocity	10830	10762	88.33	159.99	S 20.0 E	42	6940.77	3599.89	-3543.36	680.30	3608.08	169.13	5.67	-0.60	5.64	3
Velocity	10873	10805	88.31	160.02	S 20.0 E	43	6942.03	3642.69	-3583.75	695.00	3650.52	169.02	0.08	-0.05	0.07	3
Velocity	10915	10847	89.95	160.14	S 19.9 E	42	6942.67	3684.51	-3623.23	709.31	3692.01	168.92	3.92	3.90	0.29	3
Velocity	10957	10889	90.12	161.47	S 18.5 E	42	6942.65	3726.38	-3662.90	723.11	3733.59	168.83	3.19	0.40	3.17	3
Velocity	10999	10931	89.21	160.93	S 19.1 E	42	6942.89	3768.27	-3702.66	736.65	3775.22	168.75	2.52	-2.17	-1.29	3
Velocity	11041	10973	89.39	161.87	S 18.1 E	42	6943.41	3810.17	-3742.46	750.04	3816.88	168.67	2.28	0.43	2.24	3
Velocity	11084	11016	89.67	162.96	S 17.0 E	43	6943.76	3853.12	-3783.45	763.03	3859.62	168.60	2.62	0.65	2.53	3
Velocity	11126	11058	89.21	162.98	S 17.0 E	42	6944.17	3895.08	-3823.60	775.33	3901.42	168.54	1.10	-1.10	0.05	3
Velocity	11168	11100	89.53	163.32	S 16.7 E	42	6944.63	3937.05	-3863.80	787.51	3943.24	168.48	1.11	0.76	0.81	3
Velocity	11210	11142	89.24	160.59	S 19.4 E	42	6945.08	3978.97	-3903.73	800.52	3984.96	168.41	6.54	-0.69	-6.50	3
Velocity	11253	11185	89.14	161.63	S 18.4 E	43	6945.69	4021.85	-3944.41	814.44	4027.61	168.33	2.43	-0.23	2.42	3
Velocity	11295	11227	89.28	158.86	S 21.1 E	42	6946.27	4063.69	-3983.93	828.63	4069.19	168.25	6.60	0.33	-6.60	3
Velocity	11337	11269	89.02	157.35	S 22.7 E	42	6946.89	4105.35	-4022.89	844.29	4110.53	168.15	3.65	-0.62	-3.60	3
Velocity	11379	11311	88.87	158.31	S 21.7 E	42	6947.66	4146.99	-4061.78	860.14	4151.85	168.04	2.31	-0.36	2.29	3
Velocity	11422	11354	90.07	158.54	S 21.5 E	43	6948.06	4189.68	-4101.76	875.95	4194.25	167.95	2.84	2.79	0.53	3
Velocity	11464	11396	90.02	159.15	S 20.9 E	42	6948.03	4231.42	-4140.93	891.10	4235.73	167.86	1.46	-0.12	1.45	3
Velocity	11506	11438	89.92	158.66	S 21.3 E	42	6948.05	4273.16	-4180.12	906.22	4277.22	167.77	1.19	-0.24	-1.17	3
Velocity	11548	11480	89.81	159.04	S 21.0 E	42	6948.15	4314.89	-4219.29	921.37	4318.72	167.68	0.94	-0.26	0.90	3
Velocity	11590	11522	89.47	159.07	S 20.9 E	42	6948.41	4356.65	-4258.51	936.39	4360.25	167.60	0.81	-0.81	0.07	3
Velocity	11633	11565	89.30	159.11	S 20.9 E	43	6948.88	4399.39	-4298.68	951.73	4402.78	167.52	0.41	-0.40	0.09	3
Velocity	11675	11607	89.44	157.30	S 22.7 E	42	6949.34	4441.07	-4337.67	967.33	4444.22	167.43	4.32	0.33	-4.31	3
Velocity	11717	11649	89.11	157.27	S 22.7 E	42	6949.87	4482.66	-4376.41	983.54	4485.57	167.33	0.79	-0.79	-0.07	3
Velocity	11759	11691	89.15	157.33	S 22.7 E	42	6950.51	4524.25	-4415.15	999.75	4526.93	167.24	0.17	0.10	0.14	3

Velocity	11802	11734	89.24	157.09	S 22.9 E	43	6951.11	4566.82	-4454.79	1016.40	4569.27	167.15	0.60	0.21	-0.56	3
Velocity	11844	11776	89.48	159.26	S 20.7 E	42	6951.58	4608.49	-4493.78	1032.02	4610.76	167.07	5.20	0.57	5.17	3
Velocity	11886	11818	89.42	158.95	S 21.1 E	42	6951.98	4650.25	-4533.01	1046.99	4652.36	166.99	0.75	-0.14	-0.74	3
Velocity	11928	11860	89.32	158.08	S 21.9 E	42	6952.45	4691.95	-4572.09	1062.38	4693.90	166.92	2.08	-0.24	-2.07	3
Velocity	11970	11902	89.05	157.97	S 22.0 E	42	6953.04	4733.62	-4611.04	1078.09	4735.39	166.84	0.69	-0.64	-0.26	3
Velocity	12013	11945	89.72	160.37	S 19.6 E	43	6953.50	4776.37	-4651.22	1093.38	4778.01	166.77	5.79	1.56	5.58	3
Velocity	12055	11987	89.90	160.03	S 20.0 E	42	6953.64	4818.20	-4690.74	1107.61	4819.73	166.71	0.92	0.43	-0.81	3
Velocity	12097	12029	89.75	158.84	S 21.2 E	42	6953.77	4859.98	-4730.06	1122.36	4861.40	166.65	2.86	-0.36	-2.83	3
Velocity	12139	12071	89.55	157.61	S 22.4 E	42	6954.03	4901.66	-4769.06	1137.94	4902.94	166.58	2.97	-0.48	-2.93	3
Velocity	12181	12113	89.42	157.35	S 22.7 E	42	6954.41	4943.27	-4807.86	1154.03	4944.42	166.50	0.69	-0.31	-0.62	3
Velocity	12224	12156	89.82	157.14	S 22.9 E	43	6954.69	4985.85	-4847.51	1170.66	4986.86	166.42	1.05	0.93	-0.49	3
Velocity	12266	12198	89.53	156.89	S 23.1 E	42	6954.93	5027.42	-4886.18	1187.06	5028.30	166.34	0.91	-0.69	-0.60	3
Velocity	12308	12240	89.45	154.19	S 25.8 E	42	6955.30	5068.81	-4924.40	1204.45	5069.56	166.26	6.43	-0.19	-6.43	3
Velocity	12350	12282	89.21	155.73	S 24.3 E	42	6955.79	5110.12	-4962.45	1222.22	5110.75	166.16	3.71	-0.57	3.67	3
Velocity	12393	12325	89.68	156.86	S 23.1 E	43	6956.21	5152.60	-5001.82	1239.51	5153.11	166.08	2.85	1.09	2.63	3
Velocity	12435	12367	89.88	157.85	S 22.2 E	42	6956.37	5194.19	-5040.58	1255.68	5194.63	166.01	2.40	0.48	2.36	3
Velocity	12477	12409	89.25	159.88	S 20.1 E	42	6956.69	5235.93	-5079.75	1270.82	5236.30	165.95	5.06	-1.50	4.83	3
Velocity	12519	12451	89.28	158.79	S 21.2 E	42	6957.23	5277.70	-5119.05	1285.64	5278.02	165.90	2.60	0.07	-2.60	3
Velocity	12561	12493	89.05	160.95	S 19.1 E	42	6957.84	5319.51	-5158.47	1300.09	5319.78	165.85	5.17	-0.55	5.14	3
Velocity	12604	12536	89.41	159.37	S 20.6 E	43	6958.42	5362.33	-5198.92	1314.68	5362.57	165.81	3.77	0.84	-3.67	3
Velocity	12646	12578	89.45	159.31	S 20.7 E	42	6958.84	5404.10	-5238.21	1329.50	5404.30	165.76	0.17	0.10	-0.14	3
Velocity	12688	12620	89.55	163.19	S 16.8 E	42	6959.20	5445.99	-5277.98	1343.00	5446.16	165.72	9.24	0.24	9.24	3
Velocity	12730	12662	90.35	163.68	S 16.3 E	42	6959.24	5487.97	-5318.23	1354.97	5488.13	165.71	2.23	1.90	1.17	3
Velocity	12772	12704	90.61	164.21	S 15.8 E	42	6958.89	5529.96	-5358.59	1366.59	5530.11	165.69	1.41	0.62	1.26	3
Velocity	12814	12746	90.75	166.07	S 13.9 E	42	6958.39	5571.95	-5399.18	1377.36	5572.10	165.69	4.44	0.33	4.43	3
Velocity	12856	12788	90.62	164.33	S 15.7 E	42	6957.89	5613.95	-5439.79	1388.09	5614.09	165.69	4.15	-0.31	-4.14	3
Velocity	12899	12831	90.75	160.47	S 19.5 E	43	6957.37	5656.88	-5480.76	1401.08	5657.01	165.66	8.98	0.30	-8.98	3
Velocity	12940	12872	90.42	159.47	S 20.5 E	41	6956.96	5697.70	-5519.28	1415.13	5697.81	165.62	2.57	-0.80	-2.44	3
Velocity	12983	12915	90.35	159.67	S 20.3 E	43	6956.67	5740.49	-5559.57	1430.14	5740.57	165.57	0.49	-0.16	0.47	3
Velocity	13025	12957	90.48	158.89	S 21.1 E	42	6956.36	5782.26	-5598.86	1444.99	5782.32	165.53	1.88	0.31	-1.86	3
Velocity	13067	12999	90.45	159.71	S 20.3 E	42	6956.02	5824.03	-5638.14	1459.84	5824.07	165.48	1.95	-0.07	1.95	3
Velocity	13110	13042	89.07	160.62	S 19.4 E	43	6956.20	5866.86	-5678.59	1474.43	5866.88	165.44	3.84	-3.21	2.12	3
Velocity	13152	13084	89.13	160.73	S 19.3 E	42	6956.86	5908.72	-5718.22	1488.33	5908.73	165.41	0.30	0.14	0.26	3
Last Svy	13237	13169	89.52	159.02	S 21.0 E	85	6957.86	5993.33	-5798.02	1517.57	5993.33	165.33	2.06	0.46	-2.01	3
Projection	13237	13237	89.52	159.02	S 21.0 E	68	6958.43	6060.92	-5861.51	1541.92	6060.92	165.26	0.00	0.00	0.00	3

RECEIVED
Office of Oil and Gas
MAY 24 2023
WV Department of
Environmental Protection