PHOENIX
TECHNOLOGY SERVICES

Company: Jay-Bee Oil & Gas
Well: Doc 8
Location: Tyler Co., WV
Rig: Precision 823
API No: 47-095-02625-00-00
Start Date: 01/12/22 Start Depth: 350

Job Number: 68754
Magnetic Declination: -7.73
Grid Correction: 0.15
Total Correction: -7.88
North reference: Grid
End Date: 01/22/22

Calculation Method: Minimum Curvature
Proposed Azimuth: 330.04
Depth Ref: RKB 1053 ft Plan # 2
Field: Marcellus
Location Lat/Long: 39.4491135 , -80.7682204
End Depth: 12493

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	305.44	305.50	1.58	243.94	S 63.9 W	0	305.44	-1.33	-3.75	-3.83	0	0	0	0	0	0
1st Svy	490	403	2.12	244.11	S 64.1 W	98	402.89	-1.12	-5.13	-6.66	8.41	232.40	0.55	0.55	0.17	1
Velocity	535	448	2.38	243.10	S 63.1 W	45	447.85	-1.01	-5.91	-8.24	10.14	234.34	0.58	0.58	-2.24	1
Velocity	580	493	2.71	240.58	S 60.6 W	45	492.81	-0.95	-6.86	-10.00	12.13	235.56	0.77	0.73	-5.60	1
Velocity	624	537	3.08	238.71	S 58.7 W	44	536.75	-0.97	-7.98	-11.92	14.35	236.18	0.87	0.84	-4.25	1
Velocity	669	582	3.59	229.32	S 49.3 W	45	581.68	-1.26	-9.53	-14.02	16.95	235.79	1.66	1.13	-20.87	1
Velocity	713	626	3.82	234.46	S 54.5 W	44	625.59	-1.65	-11.28	-16.26	19.79	235.24	0.92	0.52	11.68	1
Velocity	758	671	3.84	234.02	S 54.0 W	45	670.49	-1.96	-13.04	-18.70	22.79	235.11	0.08	0.04	-0.98	1
Velocity	802	715	3.64	232.31	S 52.3 W	44	714.39	-2.30	-14.76	-20.99	25.66	234.90	0.52	-0.45	-3.89	1
Velocity	847	760	3.01	235.20	S 55.2 W	45	759.32	-2.59	-16.30	-23.09	28.27	234.78	1.45	-1.40	6.42	1
Velocity	891	804	2.57	241.35	S 61.4 W	44	803.26	-2.67	-17.44	-24.91	30.41	235.01	1.21	-1.00	13.98	1
Velocity	936	849	1.62	248.77	S 68.8 W	45	848.23	-2.55	-18.15	-26.39	32.03	235.48	2.19	-2.11	16.49	1
Velocity	980	893	0.82	266.24	S 86.2 W	44	892.22	-2.31	-18.40	-27.28	32.90	236.01	1.98	-1.82	39.70	1
Velocity	1025	938	0.30	292.40	N 67.6 W	45	937.22	-2.08	-18.37	-27.71	33.25	236.46	1.26	-1.16	58.13	1
Velocity	1070	983	0.26	285.94	N 74.1 W	45	982.22	-1.91	-18.30	-27.92	33.38	236.76	0.11	-0.09	-14.36	1
Velocity	1114	1027	0.20	296.69	N 63.3 W	44	1026.22	-1.78	-18.24	-28.08	33.49	237.00	0.17	-0.14	24.43	1
Velocity	1159	1072	0.21	295.73	N 64.3 W	45	1071.22	-1.64	-18.17	-28.23	33.57	237.23	0.02	0.02	-2.13	1
Velocity	1203	1116	0.10	266.30	S 86.3 W	44	1115.22	-1.56	-18.13	-28.34	33.64	237.38	0.30	-0.25	-66.89	1
Velocity	1247	1160	0.13	325.76	N 34.2 W	44	1159.22	-1.49	-18.10	-28.40	33.68	237.50	0.27	0.07	135.14	1
Velocity	1292	1205	0.09	53.09	N 53.1 E	45	1204.22	-1.44	-18.03	-28.40	33.65	237.59	0.34	-0.09	194.07	1
Velocity	1337	1250	0.23	97.28	S 82.7 E	45	1249.22	-1.49	-18.02	-28.29	33.54	237.50	0.39	0.31	98.20	1
Velocity	1381	1294	0.39	92.90	S 87.1 E	44	1293.22	-1.62	-18.04	-28.05	33.35	237.25	0.37	0.36	-9.95	1
Velocity	1426	1339	0.54	90.24	S 89.8 E	45	1338.22	-1.81	-18.05	-27.68	33.05	236.90	0.34	0.33	-5.91	1
Velocity	1470	1383	0.65	92.42	S 87.6 E	44	1382.21	-2.05	-18.06	-27.23	32.67	236.44	0.26	0.25	4.95	1
Velocity	1515	1428	0.52	91.86	S 88.1 E	45	1427.21	-2.29	-18.08	-26.77	32.30	235.97	0.29	-0.29	-1.24	1
Velocity	1559	1472	0.15	209.52	S 29.5 W	44	1471.21	-2.43	-18.14	-26.60	32.19	235.71	1.37	-0.84	267.41	1
Velocity	1605	1518	0.69	260.43	S 80.4 W	46	1517.21	-2.36	-18.23	-26.90	32.50	235.87	1.32	1.17	110.67	1
Velocity	1649	1562	1.00	258.73	S 78.7 W	44	1561.20	-2.15	-18.35	-27.54	33.09	236.32	0.71	0.70	-3.86	1
Velocity	1694	1607	1.17	252.97	S 73.0 W	45	1606.20	-1.92	-18.56	-28.36	33.90	236.79	0.45	0.38	-12.80	1
Velocity	1738	1651	1.19	256.90	S 76.9 W	44	1650.19	-1.69	-18.80	-29.24	34.76	237.26	0.19	0.05	8.93	1
Velocity	1783	1696	1.24	255.74	S 75.7 W	45	1695.18	-1.42	-19.02	-30.16	35.66	237.76	0.12	0.11	-2.58	1
Velocity	1827	1740	1.06	248.13	S 68.1 W	44	1739.17	-1.23	-19.29	-31.00	36.52	238.11	0.54	-0.41	-17.30	1
Velocity	1871	1784	0.93	243.25	S 63.3 W	44	1783.16	-1.16	-19.61	-31.70	37.27	238.26	0.35	-0.30	-11.09	1
Velocity	1916	1829	0.99	245.92	S 65.9 W	45	1828.16	-1.09	-19.93	-32.38	38.02	238.39	0.17	0.13	5.93	1
Velocity	1961	1874	1.08	248.72	S 68.7 W	45	1873.15	-0.99	-20.24	-33.13	38.83	238.58	0.23	0.20	6.22	1
Velocity	2005	1918	1.67	252.70	S 72.7 W	44	1917.14	-0.79	-20.58	-34.13	39.86	238.91	1.36	1.34	9.05	1
Velocity	2050	1963	2.25	255.71	S 75.7 W	45	1962.11	-0.41	-21.00	-35.61	41.34	239.48	1.31	1.29	6.69	1
Velocity	2094	2007	3.05	257.81	S 77.8 W	44	2006.06	0.18	-21.46	-37.59	43.29	240.28	1.83	1.82	4.77	1
Velocity	2139	2052	3.92	258.49	S 78.5 W	45	2050.98	1.04	-22.02	-40.27	45.90	241.33	1.94	1.93	1.51	1
Velocity	2183	2096	4.62	259.58	S 79.6 W	44	2094.86	2.11	-22.64	-43.49	49.03	242.50	1.60	1.59	2.48	1

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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 #
Velocity	2228	2141	5.35	261.58	S 81.6 W	45	2139.68	3.48	-23.27	-47.34	52.76	243.82	1.67	1.62	4.44	1
Velocity	2272	2185	6.13	261.33	S 81.3 W	44	2183.46	5.09	-23.93	-51.70	56.96	245.16	1.77	1.77	-0.57	1
Velocity	2317	2230	6.88	259.40	S 79.4 W	45	2228.17	6.85	-24.78	-56.72	61.90	246.40	1.74	1.67	-4.29	1
Velocity	2411	2333	9.34	261.21	S 81.2 W	103	2330.14	11.92	-27.20	-71.05	76.07	249.05	2.40	2.39	1.76	2
Velocity	2500	2422	11.21	263.26	S 83.3 W	89	2417.71	17.94	-29.32	-86.78	91.60	251.33	2.14	2.10	2.30	2
Velocity	2589	2511	12.52	261.43	S 81.4 W	89	2504.80	24.87	-31.77	-104.91	109.61	253.15	1.53	1.47	-2.06	2
Velocity	2679	2601	13.67	258.47	S 78.5 W	90	2592.46	31.79	-35.35	-124.98	129.88	254.21	1.48	1.28	-3.29	2
Velocity	2768	2690	14.28	256.87	S 76.9 W	89	2678.83	38.29	-39.94	-145.97	151.34	254.70	0.81	0.69	-1.80	2
Velocity	2857	2779	14.60	257.42	S 77.4 W	89	2765.02	44.82	-44.88	-167.61	173.51	255.01	0.39	0.36	0.62	2
Velocity	2947	2869	14.69	256.78	S 76.8 W	90	2852.09	51.49	-49.96	-189.79	196.25	255.25	0.21	0.10	-0.71	2
Velocity	3037	2959	15.05	260.25	S 80.3 W	90	2939.08	58.82	-54.55	-212.41	219.31	255.60	1.07	0.40	3.86	2
Velocity	3126	3048	15.29	260.24	S 80.2 W	89	3024.98	66.86	-58.50	-235.37	242.53	256.04	0.27	0.27	-0.01	2
Velocity	3216	3138	14.31	256.15	S 76.2 W	90	3111.99	74.05	-63.17	-257.86	265.49	256.24	1.59	-1.09	-4.54	2
Velocity	3305	3227	14.48	262.58	S 82.6 W	89	3198.20	81.36	-67.24	-279.58	287.55	256.48	1.81	0.19	7.22	2
Velocity	3394	3316	14.61	263.01	S 83.0 W	89	3284.35	90.01	-70.04	-301.75	309.77	256.93	0.19	0.15	0.48	2
Velocity	3483	3405	14.93	263.53	S 83.5 W	89	3370.41	98.96	-72.70	-324.28	332.33	257.36	0.39	0.36	0.58	2
Velocity	3572	3494	14.65	262.99	S 83.0 W	89	3456.46	107.92	-75.37	-346.85	354.94	257.74	0.35	-0.31	-0.61	2
Velocity	3665	3587	15.17	263.83	S 83.8 W	93	3546.33	117.41	-78.11	-370.62	378.76	258.10	0.61	0.56	0.90	2
Velocity	3754	3676	15.60	264.58	S 84.6 W	89	3632.14	127.08	-80.49	-394.11	402.24	258.46	0.53	0.48	0.84	2
Velocity	3843	3765	14.81	262.28	S 82.3 W	89	3718.03	136.36	-83.15	-417.29	425.50	258.73	1.12	-0.89	-2.58	2
Velocity	3932	3854	14.70	262.99	S 83.0 W	89	3804.09	145.06	-86.06	-439.77	448.11	258.93	0.24	-0.12	0.80	2
Velocity	4021	3943	14.42	265.61	S 85.6 W	89	3890.23	154.25	-88.28	-462.03	470.39	259.18	0.80	-0.31	2.94	2
Velocity	4111	4033	14.02	263.93	S 83.9 W	90	3977.48	163.50	-90.29	-484.04	492.39	259.43	0.64	-0.44	-1.87	2
Velocity	4200	4122	13.98	265.09	S 85.1 W	89	4063.83	172.42	-92.35	-505.48	513.84	259.65	0.32	-0.04	1.30	2
Velocity	4289	4211	14.15	265.15	S 85.2 W	89	4150.16	181.59	-94.19	-527.03	535.38	259.87	0.19	0.19	0.07	2
Velocity	4378	4300	13.87	264.05	S 84.1 W	89	4236.52	190.55	-96.22	-548.48	556.85	260.05	0.43	-0.31	-1.24	2
Velocity	4468	4390	14.43	263.05	S 83.1 W	90	4323.79	199.32	-98.69	-570.34	578.81	260.18	0.68	0.62	-1.11	2
Velocity	4557	4479	14.78	265.13	S 85.1 W	89	4409.91	208.47	-101.00	-592.66	601.20	260.33	0.71	0.39	2.34	2
Velocity	4647	4569	14.67	263.99	S 84.0 W	90	4496.95	217.96	-103.17	-615.43	624.02	260.48	0.34	-0.12	-1.27	2
Velocity	4736	4658	14.88	261.91	S 81.9 W	89	4583.01	226.79	-105.95	-637.95	646.69	260.57	0.64	0.24	-2.34	2
Velocity	4825	4747	13.90	259.68	S 79.7 W	89	4669.22	234.64	-109.48	-659.78	668.80	260.58	1.26	-1.10	-2.51	2
Velocity	4914	4836	15.22	259.59	S 79.6 W	89	4755.36	242.15	-113.50	-681.79	691.17	260.55	1.48	1.48	-0.10	2
Velocity	5003	4925	14.61	260.59	S 80.6 W	89	4841.36	249.99	-117.45	-704.35	714.08	260.53	0.74	-0.69	1.12	2
Velocity	5092	5014	15.47	259.84	S 79.8 W	89	4927.31	257.96	-121.38	-727.11	737.17	260.52	0.99	0.97	-0.84	2
Velocity	5181	5103	15.74	257.99	S 78.0 W	89	5013.03	265.70	-125.99	-750.60	761.10	260.47	0.64	0.30	-2.08	2
Velocity	5270	5192	15.94	258.60	S 78.6 W	89	5098.65	273.31	-130.91	-774.39	785.38	260.40	0.29	0.22	0.69	2
Velocity	5359	5281	15.51	265.00	S 85.0 W	89	5184.33	282.22	-134.37	-798.23	809.46	260.44	2.01	-0.48	7.19	2
Velocity	5449	5371	14.27	263.90	S 83.9 W	90	5271.30	291.78	-136.59	-821.24	832.53	260.56	1.41	-1.38	-1.22	2
Velocity	5538	5460	14.01	264.10	S 84.1 W	89	5357.51	300.61	-138.87	-842.87	854.23	260.64	0.30	-0.29	0.22	2
Velocity	5627	5549	15.48	263.60	S 83.6 W	89	5443.67	309.75	-141.30	-865.39	876.85	260.73	1.66	1.65	-0.56	2
Velocity	5716	5638	15.33	260.81	S 80.8 W	89	5529.45	318.67	-144.50	-888.80	900.47	260.77	0.85	-0.17	-3.13	2

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Velocity	5805	5727	14.35	263.29	S 83.3 W	89	5615.51	327.20	-147.67	-911.37	923.26	260.80	1.31	-1.10	2.79	2
Velocity	5894	5816	14.16	269.15	S 89.2 W	89	5701.77	336.85	-149.12	-933.21	945.05	260.92	1.63	-0.21	6.58	2
Velocity	5984	5906	13.94	263.90	S 83.9 W	90	5789.08	346.59	-150.43	-955.00	966.77	261.05	1.44	-0.24	-5.83	2
Velocity	6073	5995	13.78	263.66	S 83.7 W	89	5875.49	355.17	-152.74	-976.19	988.07	261.11	0.19	-0.18	-0.27	2
Velocity	6163	6085	13.71	266.68	S 86.7 W	90	5962.92	364.25	-154.55	-997.49	1009.40	261.19	0.80	-0.08	3.36	2
Velocity	6252	6174	14.12	267.06	S 87.1 W	89	6049.30	373.91	-155.71	-1018.87	1030.70	261.31	0.47	0.46	0.43	2
Velocity	6342	6264	15.81	267.78	S 87.8 W	90	6136.25	384.61	-156.75	-1042.08	1053.80	261.45	1.89	1.88	0.80	2
Velocity	6431	6353	15.61	273.13	N 86.9 W	89	6221.93	396.79	-156.57	-1066.15	1077.59	261.65	1.64	-0.22	6.01	2
Velocity	6476	6398	17.73	289.45	N 70.6 W	45	6265.06	405.30	-153.95	-1078.67	1089.60	261.88	11.37	4.71	36.27	2
Velocity	6521	6443	20.51	298.14	N 61.9 W	45	6307.58	417.20	-147.95	-1092.09	1102.06	262.28	8.83	6.18	19.31	2
Velocity	6566	6488	22.70	308.02	N 52.0 W	45	6349.43	431.95	-138.88	-1105.88	1114.57	262.84	9.42	4.87	21.96	2
Velocity	6576	6510	23.36	310.67	N 49.3 W	22	6369.68	440.00	-133.42	-1112.54	1120.51	263.16	5.59	3.00	12.05	3
Velocity	6620	6554	26.19	315.47	N 44.5 W	44	6409.63	457.63	-120.81	-1125.97	1132.43	263.88	7.89	6.43	10.91	3
Velocity	6664	6598	29.82	317.62	N 42.4 W	44	6448.47	477.72	-105.80	-1140.16	1145.05	264.70	8.56	8.25	4.89	3
Velocity	6709	6643	34.14	321.16	N 38.8 W	45	6486.64	501.14	-87.69	-1155.63	1158.95	265.66	10.46	9.60	7.87	3
Velocity	6753	6687	38.61	322.86	N 37.1 W	44	6522.05	526.97	-67.12	-1171.67	1173.59	266.72	10.41	10.16	3.86	3
Velocity	6798	6732	43.71	324.83	N 35.2 W	45	6555.92	556.41	-43.20	-1189.11	1189.90	267.92	11.69	11.33	4.38	3
Velocity	6842	6776	47.48	327.42	N 32.6 W	44	6586.71	587.76	-17.10	-1206.61	1206.73	269.19	9.54	8.57	5.89	3
Velocity	6887	6821	50.41	329.26	N 30.7 W	45	6616.26	621.67	11.78	-1224.40	1224.46	270.55	7.20	6.51	4.09	3
Velocity	6931	6865	53.81	330.82	N 29.2 W	44	6643.28	656.39	41.87	-1241.73	1242.44	271.93	8.22	7.73	3.55	3
Velocity	6976	6910	58.63	333.10	N 26.9 W	45	6668.30	693.75	74.88	-1259.29	1261.51	273.40	11.51	10.71	5.07	3
Velocity	7020	6954	63.51	334.94	N 25.1 W	44	6689.58	732.16	109.49	-1276.14	1280.83	274.90	11.68	11.09	4.18	3
Velocity	7065	6999	66.52	335.11	N 24.9 W	45	6708.58	772.79	146.46	-1293.36	1301.62	276.46	6.70	6.69	0.38	3
Velocity	7109	7043	70.58	335.96	N 24.0 W	44	6724.67	813.54	183.73	-1310.31	1323.13	277.98	9.40	9.23	1.93	3
Velocity	7154	7088	74.14	337.07	N 22.9 W	45	6738.30	856.14	223.05	-1327.39	1346.00	279.54	8.25	7.91	2.47	3
Velocity	7198	7132	76.89	338.74	N 21.3 W	44	6749.31	898.34	262.52	-1343.41	1368.82	281.06	7.25	6.25	3.80	3
Velocity	7243	7177	78.70	339.02	N 21.0 W	45	6758.82	941.80	303.55	-1359.26	1392.74	282.59	4.07	4.02	0.62	3
Velocity	7288	7222	82.27	339.95	N 20.1 W	45	6766.26	985.57	345.11	-1374.81	1417.46	284.09	8.19	7.93	2.07	3
Velocity	7332	7266	87.04	340.73	N 19.3 W	44	6770.36	1028.66	386.35	-1389.54	1442.25	285.54	10.98	10.84	1.77	3
Velocity	7377	7311	88.41	341.15	N 18.9 W	45	6772.14	1072.81	428.85	-1404.22	1468.25	286.98	3.18	3.04	0.93	3
Velocity	7465	7399	89.19	341.69	N 18.3 W	88	6773.99	1159.06	512.25	-1432.26	1521.10	289.68	1.08	0.89	0.61	3
Velocity	7554	7488	92.19	344.58	N 15.4 W	89	6772.91	1245.72	597.39	-1458.07	1575.71	292.28	4.68	3.37	3.25	3
Velocity	7643	7577	91.16	343.36	N 16.6 W	89	6770.31	1332.06	682.89	-1482.64	1632.35	294.73	1.79	-1.16	-1.37	3
Velocity	7732	7666	90.85	341.69	N 18.3 W	89	6768.75	1418.94	767.77	-1509.36	1693.41	296.96	1.91	-0.35	-1.88	3
Velocity	7821	7755	89.93	340.78	N 19.2 W	89	6768.15	1506.24	852.03	-1537.99	1758.23	298.99	1.45	-1.03	-1.02	3
Velocity	7910	7844	89.56	340.84	N 19.2 W	89	6768.54	1593.67	936.09	-1567.24	1825.51	300.85	0.42	-0.42	0.07	3
Velocity	7999	7933	89.30	340.91	N 19.1 W	89	6769.43	1681.08	1020.17	-1596.40	1894.53	302.58	0.30	-0.29	0.08	3
Velocity	8088	8022	88.84	341.09	N 18.9 W	89	6770.87	1768.45	1104.31	-1625.37	1965.03	304.19	0.56	-0.52	0.20	3
Velocity	8177	8111	88.59	341.33	N 18.7 W	89	6772.87	1855.74	1188.55	-1654.03	2036.78	305.70	0.39	-0.28	0.27	3
Velocity	8266	8200	90.47	339.96	N 20.0 W	89	6773.60	1943.21	1272.51	-1683.52	2110.34	307.08	2.61	2.11	-1.54	3
Velocity	8355	8289	90.67	339.41	N 20.6 W	89	6772.71	2030.95	1355.97	-1714.42	2185.84	308.34	0.66	0.22	-0.62	3

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PHOENIX TECHNOLOGY SERVICES

Company: Jay-Bee Oil & Gas
Well: Doc 8
Location: Tyler Co., WV
Rig: Precision 823
API No: 47-095-02625-00-00
Start Date: 01/12/22 Start Depth: 350

Job Number: 68754
Magnetic Declination: -7.73
Grid Correction: 0.15
Total Correction: -7.88
North reference: Grid
End Date: 01/22/22

Calculation Method: Minimum Curvature
Proposed Azimuth: 330.04
Depth Ref: RKB 1053 ft
Plan # 2
Field: Marcellus
Location Lat/Long: 39.4491135 , -80.7682204
End Depth: 12493

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 #
Velocity	8444	8378	90.10	338.53	N 21.5 W	89	6772.11	2118.87	1439.04	-1746.36	2262.87	309.49	1.18	-0.64	-0.99	3
Velocity	8533	8467	89.78	340.20	N 19.8 W	89	6772.21	2206.69	1522.32	-1777.72	2340.46	310.57	1.91	-0.36	1.88	3
Velocity	8622	8556	89.47	339.77	N 20.2 W	89	6772.79	2294.35	1605.95	-1808.18	2418.38	311.61	0.60	-0.35	-0.48	3
Velocity	8712	8646	89.98	339.43	N 20.6 W	90	6773.22	2383.10	1690.30	-1839.55	2498.21	312.58	0.68	0.57	-0.38	3
Velocity	8801	8735	90.42	339.17	N 20.8 W	89	6772.91	2470.94	1773.55	-1871.01	2578.02	313.47	0.57	0.49	-0.29	3
Velocity	8890	8824	90.42	339.02	N 21.0 W	89	6772.26	2558.82	1856.69	-1902.77	2658.54	314.30	0.17	0.00	-0.17	3
Velocity	8979	8913	89.36	341.15	N 18.9 W	89	6772.43	2646.45	1940.36	-1933.08	2738.94	315.11	2.67	-1.19	2.39	3
Velocity	9068	9002	88.75	341.40	N 18.6 W	89	6773.90	2733.74	2024.64	-1961.65	2819.08	315.91	0.74	-0.69	0.28	3
Velocity	9157	9091	89.65	342.64	N 17.4 W	89	6775.14	2820.79	2109.28	-1989.12	2899.25	316.68	1.72	1.01	1.39	3
Velocity	9246	9180	90.15	343.37	N 16.6 W	89	6775.30	2907.52	2194.40	-2015.13	2979.28	317.44	0.99	0.56	0.82	3
Velocity	9335	9269	89.18	340.33	N 19.7 W	89	6775.82	2994.62	2278.96	-2042.85	3060.54	318.13	3.59	-1.09	-3.42	3
Velocity	9424	9358	90.22	340.97	N 19.0 W	89	6776.28	3082.09	2362.93	-2072.34	3142.93	318.75	1.37	1.17	0.72	3
Velocity	9513	9447	89.48	341.87	N 18.1 W	89	6776.51	3169.34	2447.29	-2100.70	3225.23	319.36	1.31	-0.83	1.01	3
Velocity	9601	9535	90.84	341.25	N 18.8 W	88	6776.27	3255.57	2530.76	-2128.53	3306.87	319.93	1.70	1.55	-0.70	3
Velocity	9690	9624	90.98	340.99	N 19.0 W	89	6774.86	3342.90	2614.97	-2157.33	3390.00	320.48	0.33	0.16	-0.29	3
Velocity	9779	9713	90.35	339.33	N 20.7 W	89	6773.82	3430.50	2698.67	-2187.53	3473.92	320.97	1.99	-0.71	-1.87	3
Velocity	9868	9802	90.38	338.77	N 21.2 W	89	6773.26	3518.40	2781.79	-2219.35	3558.63	321.42	0.63	0.03	-0.63	3
Velocity	9957	9891	91.10	338.75	N 21.3 W	89	6772.11	3606.37	2864.74	-2251.59	3643.68	321.83	0.81	0.81	-0.02	3
Velocity	10046	9980	92.72	339.81	N 20.2 W	89	6769.14	3694.16	2947.93	-2283.06	3728.63	322.24	2.17	1.82	1.19	3
Velocity	10136	10070	92.18	341.08	N 18.9 W	90	6765.29	3782.60	3032.66	-2313.16	3814.15	322.67	1.53	-0.60	1.41	3
Velocity	10225	10159	90.27	341.43	N 18.6 W	89	6763.39	3869.87	3116.91	-2341.75	3898.58	323.08	2.18	-2.15	0.39	3
Velocity	10314	10248	90.25	342.15	N 17.9 W	89	6762.99	3957.01	3201.46	-2369.56	3982.98	323.49	0.81	-0.02	0.81	3
Velocity	10403	10337	89.70	344.14	N 15.9 W	89	6763.02	4043.68	3286.63	-2395.36	4066.90	323.91	2.32	-0.62	2.24	3
Velocity	10492	10426	88.78	343.13	N 16.9 W	89	6764.21	4130.18	3372.01	-2420.44	4150.78	324.33	1.53	-1.03	-1.13	3
Velocity	10581	10515	88.87	343.52	N 16.5 W	89	6766.03	4216.78	3457.25	-2445.97	4235.02	324.72	0.45	0.10	0.44	3
Velocity	10670	10604	88.84	342.20	N 17.8 W	89	6767.81	4303.54	3542.28	-2472.19	4319.66	325.09	1.48	-0.03	-1.48	3
Velocity	10759	10693	89.47	341.93	N 18.1 W	89	6769.12	4390.58	3626.95	-2499.60	4404.85	325.43	0.77	0.71	-0.30	3
Velocity	10848	10782	91.96	343.48	N 16.5 W	89	6768.01	4477.40	3711.91	-2526.05	4489.90	325.76	3.30	2.80	1.74	3
Velocity	10937	10871	90.68	341.93	N 18.1 W	89	6765.96	4564.20	3796.85	-2552.50	4575.08	326.09	2.26	-1.44	-1.74	3
Velocity	11026	10960	89.95	340.95	N 19.1 W	89	6765.47	4651.45	3881.22	-2580.83	4660.96	326.38	1.37	-0.82	-1.10	3
Velocity	11114	11048	89.99	341.36	N 18.6 W	88	6765.52	4737.79	3964.51	-2609.25	4746.10	326.65	0.47	0.05	0.47	3
Velocity	11204	11138	89.47	341.29	N 18.7 W	90	6765.94	4826.05	4049.77	-2638.07	4833.22	326.92	0.58	-0.58	-0.08	3
Velocity	11293	11227	90.67	341.55	N 18.5 W	89	6765.83	4913.30	4134.12	-2666.43	4919.43	327.18	1.38	1.35	0.29	3
Velocity	11382	11316	90.56	341.31	N 18.7 W	89	6764.88	5000.54	4218.49	-2694.77	5005.74	327.43	0.30	-0.12	-0.27	3
Velocity	11470	11404	90.32	341.39	N 18.6 W	88	6764.20	5086.83	4301.86	-2722.91	5091.20	327.67	0.29	-0.27	0.09	3
Velocity	11559	11493	89.68	342.23	N 17.8 W	89	6764.20	5173.96	4386.41	-2750.69	5177.54	327.91	1.19	-0.72	0.94	3
Velocity	11648	11582	91.16	342.68	N 17.3 W	89	6763.55	5260.87	4471.27	-2777.52	5263.73	328.15	1.74	1.66	0.51	3
Velocity	11737	11671	90.38	343.50	N 16.5 W	89	6762.35	5347.57	4556.41	-2803.41	5349.76	328.40	1.27	-0.88	0.92	3
Velocity	11826	11760	90.12	343.47	N 16.5 W	89	6761.96	5434.13	4641.74	-2828.71	5435.74	328.64	0.29	-0.29	-0.03	3
Velocity	11914	11848	89.45	343.50	N 16.5 W	88	6762.30	5519.71	4726.11	-2853.72	5520.85	328.88	0.76	-0.76	0.03	3
Velocity	12003	11937	90.02	342.23	N 17.8 W	89	6763.71	5606.49	4811.15	-2879.94	5607.25	329.10	1.56	0.64	-1.43	3

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Company: Jay-Bee Oil & Gas
Well: Doc 8
Location: Tyler Co., WV
Rig: Precision 823
API No: 47-095-02625-00-00
Start Date: 01/12/22 Start Depth: 350

Job Number: 68754
Magnetic Declination: -7.73
Grid Correction: 0.15
Total Correction: -7.88
North reference: Grid

Calculation Method: Minimum Curvature
Proposed Azimuth: 330.04
Depth Ref: RKB 1053 ft Plan # 2
Field: Marcellus
Location Lat/Long: 39.4491135 , -80.7682204
End Date: 01/22/22 End Depth: 12493

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 #
Velocity	12092	12026	90.64	341.78	N 18.2 W	89	6762.19	5693.55	4895.80	-2907.44	5694.03	329.30	0.86	0.70	-0.51	3
Velocity	12181	12115	91.01	341.33	N 18.7 W	89	6760.91	5780.75	4980.22	-2935.59	5781.03	329.48	0.65	0.42	-0.51	3
Velocity	12269	12203	91.10	340.75	N 19.3 W	88	6759.29	5867.12	5063.43	-2964.18	5867.25	329.65	0.67	0.10	-0.66	3
Velocity	12358	12292	91.33	341.36	N 18.6 W	89	6757.41	5954.46	5147.59	-2993.07	5954.50	329.82	0.73	0.26	0.69	3
Velocity	12448	12382	90.93	342.31	N 17.7 W	90	6755.63	6042.54	5233.08	-3021.12	6042.54	330.00	1.15	-0.44	1.06	3
Last Svy	12493	12427	90.92	342.07	N 17.9 W	45	6754.90	6086.53	5275.92	-3034.88	6086.53	330.09	0.53	-0.02	-0.53	3
TD Proj	12493	12493	90.92	342.07	N 17.9 W	66	6753.84	6151.07	5338.71	-3055.20	6151.10	330.22	0.00	0.00	0.00	3

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