



Company: Jay-Bee Oil & Gas
 Well: Doc 3
 Location: Tyler Co., WV
 Rig: Precision 823
 API No: 47-095-02621-00-00
 Start Date: 12/17/21 Start Depth: 349

Job Number: 68750 Calculation Method: Minimum Curvature
 Magnetic Declination: -7.73 Proposed Azimuth: 134.54
 Grid Correction: 0.15 Depth Ref: RKB 1053 ft Plan # 2
 Total Correction: -7.88 Field: Marcellus
 North reference: Grid Location Lat/Long: 39.4491665, -80.768239
 End Date: 12/27/21 End Depth: 12433

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 (ft)		Closure (ft)		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
									+N/-S	+E/-W	Distance	Angle (deg)				
TIP	308.50	308.50	1.04	256.37	S 76.4 W	0	308.48	-2.7	0.98	-2.82	0	0	0	0	0	0
1st Svy	491	404	1.56	264.97	S 85.0 W	96	403.96	-4.00	0.66	-4.96	5.00	277.60	0.58	0.54	9.01	1
Velocity	535	448	2.05	263.59	S 83.6 W	44	447.93	-4.88	0.52	-6.34	6.36	274.70	1.12	1.11	-3.14	1
Velocity	580	493	2.87	269.98	S 90.0 W	45	492.89	-6.19	0.43	-8.26	8.27	272.99	1.92	1.82	14.20	1
Velocity	624	537	2.98	270.88	N 89.1 W	44	536.83	-7.80	0.45	-10.51	10.52	272.44	0.27	0.25	2.05	1
Velocity	669	582	1.97	274.33	N 85.7 W	45	581.79	-9.24	0.52	-12.45	12.46	272.41	2.27	-2.24	7.67	1
Velocity	713	626	0.57	282.88	N 77.1 W	44	625.78	-10.00	0.63	-13.42	13.43	272.69	3.20	-3.18	19.43	1
Velocity	758	671	0.60	83.85	N 83.9 E	45	670.78	-10.05	0.71	-13.40	13.42	273.01	2.56	0.07	357.71	1
Velocity	802	715	0.67	86.92	N 86.9 E	44	714.78	-9.73	0.74	-12.91	12.94	273.30	0.18	0.16	6.98	1
Velocity	847	760	0.65	110.02	S 70.0 E	45	759.77	-9.32	0.67	-12.41	12.43	273.09	0.59	-0.04	51.33	1
Velocity	891	804	0.49	163.56	S 16.4 E	44	803.77	-8.93	0.41	-12.12	12.13	271.91	1.21	-0.36	121.68	1
Velocity	936	849	0.54	222.53	S 42.5 W	45	848.77	-8.75	0.06	-12.21	12.21	270.30	1.13	0.11	131.04	1
Velocity	980	893	0.89	219.60	S 39.6 W	44	892.77	-8.71	-0.35	-12.57	12.58	268.40	0.80	0.80	-6.66	1
Velocity	1025	938	1.03	234.38	S 54.4 W	45	937.76	-8.75	-0.86	-13.12	13.15	266.26	0.63	0.31	32.84	1
Velocity	1069	982	1.08	258.76	S 78.8 W	44	981.75	-9.05	-1.17	-13.85	13.90	265.18	1.02	0.11	55.41	1
Velocity	1114	1027	1.31	270.46	N 89.5 W	45	1026.74	-9.66	-1.25	-14.78	14.83	265.18	0.74	0.51	26.00	1
Velocity	1158	1071	1.36	289.17	N 70.8 W	44	1070.73	-10.49	-1.07	-15.78	15.81	266.12	0.99	0.11	42.52	1
Velocity	1203	1116	1.08	300.14	N 59.9 W	45	1115.72	-11.39	-0.68	-16.65	16.66	267.65	0.81	-0.62	24.38	1
Velocity	1247	1160	1.03	334.59	N 25.4 W	44	1159.71	-12.16	-0.12	-17.18	17.18	269.61	1.42	-0.11	78.30	1
Velocity	1292	1205	0.92	344.89	N 15.1 W	45	1204.71	-12.85	0.60	-17.44	17.45	271.96	0.46	-0.24	22.89	1
Velocity	1337	1250	0.66	358.11	N 1.9 W	45	1249.70	-13.35	1.20	-17.55	17.59	273.93	0.70	-0.58	29.38	1
Velocity	1382	1295	0.62	42.35	N 42.4 E	45	1294.70	-13.55	1.64	-17.39	17.47	275.40	1.07	-0.09	98.31	1
Velocity	1427	1340	0.75	49.97	N 50.0 E	45	1339.70	-13.53	2.01	-17.00	17.12	276.75	0.35	0.29	16.93	1
Velocity	1471	1384	0.76	46.16	N 46.2 E	44	1383.69	-13.49	2.40	-16.57	16.74	278.24	0.12	0.02	-8.66	1
Velocity	1516	1429	0.45	47.42	N 47.4 E	45	1428.69	-13.48	2.73	-16.23	16.45	279.54	0.69	-0.69	2.80	1
Velocity	1561	1474	0.29	330.35	N 29.7 W	45	1473.69	-13.58	2.95	-16.15	16.42	280.33	1.06	-0.36	-171.27	1
Velocity	1606	1519	0.38	254.56	S 74.6 W	45	1518.69	-13.76	3.00	-16.35	16.63	280.41	0.93	0.20	-168.42	1
Velocity	1651	1564	1.07	236.80	S 56.8 W	45	1563.69	-13.93	2.73	-16.85	17.07	279.22	1.59	1.53	-39.47	1
Velocity	1696	1609	1.10	226.91	S 46.9 W	45	1608.68	-14.03	2.21	-17.51	17.65	277.19	0.42	0.07	-21.98	1
Velocity	1741	1654	0.83	243.91	S 63.9 W	45	1653.67	-14.16	1.77	-18.12	18.21	275.58	0.87	-0.60	37.78	1
Velocity	1785	1698	0.53	295.07	N 64.9 W	44	1697.67	-14.46	1.72	-18.59	18.67	275.28	1.47	-0.68	116.27	1
Velocity	1830	1743	0.58	328.50	N 31.5 W	45	1742.67	-14.87	2.00	-18.90	19.01	276.04	0.72	0.11	74.29	1
Velocity	1874	1787	0.51	317.02	N 43.0 W	44	1786.66	-15.29	2.33	-19.15	19.29	276.95	0.29	-0.16	-26.09	1
Velocity	1919	1832	1.13	312.73	N 47.3 W	45	1831.66	-15.93	2.78	-19.61	19.81	278.07	1.38	1.38	-9.53	1
Velocity	1964	1877	2.38	313.75	N 46.3 W	45	1876.64	-17.31	3.73	-20.61	20.95	280.25	2.78	2.78	2.27	1
Velocity	2008	1921	3.58	318.39	N 41.6 W	44	1920.58	-19.59	5.39	-22.19	22.83	283.65	2.78	2.73	10.55	1
Velocity	2053	1966	5.14	322.33	N 37.7 W	45	1965.45	-22.99	8.03	-24.35	25.64	288.26	3.53	3.47	8.76	1
Velocity	2097	2010	6.33	325.10	N 34.9 W	44	2009.23	-27.33	11.58	-26.94	29.33	293.26	2.78	2.70	6.30	1
Velocity	2142	2053	7.49	327.29	N 32.7 W	45	2053.90	-32.63	16.08	-29.95	33.99	298.24	2.64	2.58	4.87	1
Velocity	2186	2099	8.55	330.95	N 29.1 W	44	2097.47	-38.56	21.36	-33.09	39.38	302.84	2.67	2.41	8.32	1
Velocity	2231	2144	8.95	329.04	N 31.0 W	45	2141.94	-45.16	27.28	-36.51	45.58	306.77	1.10	0.89	-4.24	1
Velocity	2275	2188	8.84	329.30	N 30.7 W	44	2185.41	-51.74	33.13	-40.00	51.93	309.63	0.27	-0.25	0.59	1

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									+N/-S	+E/-W	Distance	Angle (deg)				
Velocity	2373	2294	9.58	322.91	N 37.1 W	106	2290.05	-68.35	47.17	-49.48	68.35	313.63	1.19	0.70	-6.03	2
Velocity	2462	2383	9.22	316.91	N 43.1 W	89	2377.86	-82.80	58.28	-58.81	82.80	314.74	1.17	-0.40	-6.74	2
Velocity	2551	2472	8.93	320.74	N 39.3 W	89	2465.74	-96.79	68.84	-68.06	96.80	315.33	0.75	-0.33	4.30	2
Velocity	2641	2562	8.69	327.59	N 32.4 W	90	2554.68	-110.36	79.98	-76.12	110.42	316.42	1.20	-0.27	7.61	2
Velocity	2731	2652	9.75	325.58	N 34.4 W	90	2643.52	-124.46	92.01	-84.07	124.64	317.58	1.23	1.18	-2.23	2
Velocity	2821	2742	10.62	320.81	N 39.2 W	90	2732.10	-140.18	104.73	-93.62	140.47	318.20	1.35	0.97	-5.30	2
Velocity	2911	2832	11.81	321.79	N 38.2 W	90	2820.38	-157.57	118.39	-104.56	157.95	318.55	1.34	1.32	1.09	2
Velocity	3001	2922	10.81	323.47	N 36.5 W	90	2908.63	-175.04	132.41	-115.28	175.56	318.96	1.17	-1.11	1.87	2
Velocity	3091	3012	11.28	329.47	N 30.5 W	90	2996.97	-191.88	146.77	-124.77	192.64	319.63	1.38	0.52	6.67	2
Velocity	3180	3101	12.59	328.13	N 31.9 W	89	3084.04	-209.72	162.51	-134.32	210.83	320.43	1.50	1.47	-1.51	2
Velocity	3270	3191	12.55	323.29	N 36.7 W	90	3171.89	-228.92	178.68	-145.34	230.33	320.87	1.17	-0.04	-5.38	2
Velocity	3361	3282	11.72	321.22	N 38.8 W	91	3260.86	-247.87	193.81	-157.04	249.45	320.98	1.03	-0.91	-2.27	2
Velocity	3451	3372	11.14	325.49	N 34.5 W	90	3349.07	-265.49	208.10	-167.69	267.26	321.14	1.14	-0.64	4.74	2
Velocity	3541	3462	11.53	328.06	N 31.9 W	90	3437.32	-282.77	222.90	-177.38	284.86	321.49	0.71	0.43	2.86	2
Velocity	3631	3552	12.21	326.89	N 33.1 W	90	3525.39	-300.81	238.50	-187.33	303.28	321.85	0.80	0.76	-1.30	2
Velocity	3721	3642	12.90	327.76	N 32.2 W	90	3613.24	-319.89	254.97	-197.89	322.76	322.18	0.79	0.77	0.97	2
Velocity	3811	3732	12.65	323.90	N 36.1 W	90	3701.01	-339.39	271.43	-209.06	342.61	322.40	0.99	-0.28	-4.29	2
Velocity	3901	3822	12.24	326.95	N 33.1 W	90	3788.90	-358.44	287.39	-220.07	361.97	322.56	0.86	-0.46	3.39	2
Velocity	3991	3912	11.92	334.29	N 25.7 W	90	3876.91	-376.50	303.76	-229.30	380.60	322.95	1.74	-0.36	8.16	2
Velocity	4081	4002	11.18	331.98	N 28.0 W	90	3965.09	-393.57	319.84	-237.44	398.34	323.41	0.97	-0.82	-2.57	2
Velocity	4171	4092	11.73	329.20	N 30.8 W	90	4053.30	-410.75	335.40	-246.22	416.08	323.72	0.87	0.61	-3.09	2
Velocity	4261	4182	12.91	329.28	N 30.7 W	90	4141.22	-429.32	351.90	-256.04	435.19	323.96	1.31	1.31	0.09	2
Velocity	4354	4275	11.72	324.62	N 35.4 W	93	4232.08	-448.67	368.54	-266.82	454.98	324.10	1.67	-1.28	-5.01	2
Velocity	4445	4366	11.37	323.94	N 36.1 W	91	4321.24	-466.62	383.33	-277.45	473.20	324.10	0.41	-0.38	-0.75	2
Velocity	4535	4456	11.77	328.25	N 31.8 W	90	4409.41	-484.29	398.30	-287.50	491.22	324.18	1.06	0.44	4.79	2
Velocity	4625	4546	12.38	327.74	N 32.3 W	90	4497.42	-502.60	414.27	-297.48	510.01	324.32	0.69	0.68	-0.57	2
Velocity	4715	4636	12.44	326.57	N 33.4 W	90	4585.32	-521.48	430.52	-307.97	529.33	324.42	0.29	0.07	-1.30	2
Velocity	4805	4726	12.60	327.41	N 32.6 W	90	4673.18	-540.53	446.88	-318.60	548.82	324.51	0.27	0.18	0.93	2
Velocity	4895	4816	11.82	323.21	N 36.8 W	90	4761.14	-559.21	462.53	-329.41	567.84	324.54	1.31	-0.87	-4.67	2
Velocity	4985	4906	11.72	322.79	N 37.2 W	90	4849.25	-577.37	477.19	-340.45	586.19	324.49	0.15	-0.11	-0.47	2
Velocity	5075	4996	11.18	325.66	N 34.3 W	90	4937.46	-594.98	491.68	-350.90	604.05	324.48	0.87	-0.60	3.19	2
Velocity	5165	5086	11.11	323.93	N 36.1 W	90	5025.76	-612.09	505.89	-360.93	621.45	324.49	0.38	-0.08	-1.92	2
Velocity	5255	5176	11.31	322.66	N 37.3 W	90	5114.05	-629.38	519.91	-371.39	638.94	324.46	0.35	0.22	-1.41	2
Velocity	5346	5267	12.01	326.78	N 33.2 W	91	5203.17	-647.47	534.93	-381.99	657.32	324.47	1.19	0.77	4.53	2
Velocity	5436	5357	12.38	324.98	N 35.0 W	90	5291.14	-666.11	550.66	-392.66	676.32	324.51	0.59	0.41	-2.00	2
Velocity	5526	5447	12.53	325.11	N 34.9 W	90	5379.02	-685.19	566.57	-403.78	695.73	324.52	0.17	0.17	0.14	2
Velocity	5616	5537	11.73	323.22	N 36.8 W	90	5467.01	-703.84	581.91	-414.84	714.64	324.52	0.99	-0.89	-2.10	2
Velocity	5707	5628	11.62	322.87	N 37.1 W	91	5556.13	-722.05	596.62	-425.91	733.05	324.48	0.14	-0.12	-0.38	2
Velocity	5797	5718	11.98	325.83	N 34.2 W	90	5644.23	-740.18	611.58	-436.63	751.45	324.48	0.78	0.40	3.29	2
Velocity	5887	5808	11.85	328.45	N 31.6 W	90	5732.29	-758.31	627.18	-446.71	770.00	324.54	0.62	-0.14	2.91	2
Velocity	5976	5897	11.60	328.68	N 31.3 W	89	5819.43	-775.85	642.61	-456.14	788.05	324.63	0.29	-0.28	0.26	2
Velocity	6067	5988	11.39	327.67	N 32.3 W	91	5908.61	-793.48	658.02	-465.70	806.15	324.71	0.32	-0.23	-1.11	2

5



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Velocity	6157	6078	11.21	326.44	N 33.6 W	90	5996.86	-810.69	672.82	-475.29	823.77	324.76	0.33	-0.20	-1.37	2
Velocity	6247	6168	8.33	321.92	N 38.1 W	90	6085.55	-825.72	685.25	-484.15	839.03	324.76	3.31	-3.20	-5.02	2
Velocity	6292	6213	3.48	301.16	N 58.8 W	45	6130.30	-830.28	688.52	-487.33	843.54	324.71	11.61	-10.78	-46.13	2
Velocity	6337	6258	2.81	192.05	S 12.1 W	45	6175.26	-831.02	688.15	-488.73	844.04	324.62	11.42	-1.49	-242.47	2
Velocity	6382	6303	5.54	157.73	S 22.3 E	45	6220.15	-828.43	685.06	-488.14	841.18	324.53	7.97	6.07	-76.27	2
Velocity	6427	6348	9.76	149.55	S 30.5 E	45	6264.74	-822.75	679.76	-485.38	835.26	324.47	9.66	9.38	-18.18	2
Velocity	6473	6394	13.93	147.16	S 32.8 E	46	6309.75	-813.57	671.74	-480.40	825.85	324.43	9.13	9.07	-5.20	2
Velocity	6518	6439	18.51	150.38	S 29.6 E	45	6352.95	-801.41	660.97	-473.93	813.32	324.36	10.37	10.18	7.16	2
Velocity	6563	6484	23.95	149.83	S 30.2 E	45	6394.88	-785.72	646.86	-465.80	797.12	324.24	12.10	12.09	-1.22	2
Velocity	6618	6551	31.13	147.24	S 32.8 E	67	6454.25	-755.66	620.50	-449.57	766.25	324.08	10.86	10.72	-3.87	3
Velocity	6663	6596	34.44	146.60	S 33.4 E	45	6492.07	-731.86	600.09	-436.27	741.92	323.98	7.40	7.36	-1.42	3
Velocity	6708	6641	36.88	145.04	S 35.0 E	45	6528.63	-706.14	578.40	-421.53	715.70	323.92	5.79	5.42	-3.47	3
Velocity	6753	6686	40.19	142.85	S 37.2 E	45	6563.83	-678.49	555.75	-405.02	687.67	323.92	7.95	7.36	-4.87	3
Velocity	6797	6730	44.85	142.61	S 37.4 E	44	6596.25	-649.06	532.09	-387.01	657.95	323.97	10.60	10.59	-0.55	3
Velocity	6842	6775	51.86	140.80	S 39.2 E	45	6626.14	-615.71	505.74	-366.16	624.38	324.09	15.86	15.58	-4.02	3
Velocity	6887	6820	56.85	141.61	S 38.4 E	45	6652.35	-579.41	477.24	-343.26	587.87	324.27	11.18	11.09	1.80	3
Velocity	6932	6865	60.92	141.51	S 38.5 E	45	6675.60	-541.18	447.07	-319.32	549.40	324.46	9.05	9.04	-0.22	3
Velocity	6977	6910	63.62	142.38	S 37.6 E	45	6696.54	-501.68	415.71	-294.77	509.61	324.66	6.24	6.00	1.93	3
Velocity	7021	6954	66.19	142.33	S 37.7 E	44	6715.20	-462.21	384.16	-270.44	469.80	324.86	5.84	5.84	-0.11	3
Velocity	7066	6999	65.92	141.87	S 38.1 E	45	6733.46	-421.44	351.71	-245.17	428.73	325.12	1.11	-0.60	-1.02	3
Velocity	7110	7043	65.47	141.83	S 38.2 E	44	6751.57	-381.67	320.17	-220.40	388.70	325.46	1.03	-1.02	-0.09	3
Velocity	7154	7087	67.96	140.94	S 39.1 E	44	6768.97	-341.54	288.60	-195.18	348.40	325.93	5.96	5.66	-2.02	3
Velocity	7199	7132	71.56	141.10	S 38.9 E	45	6784.53	-299.60	255.78	-168.62	306.36	326.61	8.01	8.00	0.36	3
Velocity	7243	7176	75.28	141.03	S 39.0 E	44	6797.08	-257.71	222.99	-142.13	264.43	327.49	8.46	8.45	-0.16	3
Velocity	7288	7221	78.49	141.37	S 38.6 E	45	6807.29	-214.18	188.83	-114.67	220.92	328.73	7.17	7.13	0.76	3
Velocity	7332	7265	82.27	141.55	S 38.5 E	44	6814.65	-171.12	154.91	-87.64	177.98	330.50	8.60	8.59	0.41	3
Velocity	7377	7310	87.05	141.71	S 38.3 E	45	6818.83	-126.67	119.79	-59.84	133.91	333.46	10.63	10.62	0.36	3
Velocity	7421	7354	90.35	143.09	S 36.9 E	44	6819.83	-83.11	84.94	-33.01	91.13	338.77	8.13	7.50	3.14	3
Velocity	7466	7399	90.16	142.62	S 37.4 E	45	6819.63	-38.58	49.07	-5.83	49.42	353.22	1.13	-0.42	-1.04	3
Velocity	7555	7488	89.58	142.73	S 37.3 E	89	6819.83	49.52	-21.70	48.13	52.79	114.27	0.66	-0.65	0.12	3
Velocity	7644	7577	89.35	142.91	S 37.1 E	89	6820.66	137.59	-92.61	101.91	137.70	132.26	0.33	-0.26	0.20	3
Velocity	7733	7666	89.44	143.07	S 36.9 E	89	6821.60	225.62	-163.67	155.48	225.75	136.47	0.21	0.10	0.18	3
Velocity	7822	7755	88.38	142.76	S 37.2 E	89	6823.30	313.65	-234.66	209.14	314.33	138.29	1.24	-1.19	-0.35	3
Velocity	7912	7845	87.99	143.13	S 36.9 E	90	6826.15	402.64	-306.44	263.34	404.05	139.33	0.60	-0.43	0.41	3
Velocity	8001	7934	88.18	141.62	S 38.4 E	89	6829.12	490.76	-376.89	317.65	492.90	139.88	1.71	0.21	-1.70	3
Velocity	8089	8022	90.92	143.68	S 36.3 E	88	6829.81	577.86	-446.84	371.02	580.79	140.30	3.90	3.11	2.34	3
Velocity	8179	8112	90.64	142.54	S 37.5 E	90	6828.59	666.85	-518.81	425.04	670.69	140.67	1.30	-0.31	-1.27	3
Velocity	8268	8201	91.16	141.29	S 38.7 E	89	6827.19	755.10	-588.85	479.93	759.66	140.82	1.52	0.58	-1.40	3
Velocity	8357	8290	89.65	137.64	S 42.4 E	89	6826.56	843.75	-656.48	537.76	848.62	140.68	4.44	-1.70	-4.10	3
Velocity	8446	8379	89.67	134.74	S 45.3 E	89	6827.09	932.70	-720.69	599.37	937.36	140.25	3.26	0.02	-3.26	3
Velocity	8536	8469	89.28	134.75	S 45.3 E	90	6827.91	1022.70	-784.05	663.29	1026.97	139.77	0.43	-0.43	0.01	3
Velocity	8626	8559	90.15	135.16	S 44.8 E	90	6828.36	1112.70	-847.63	726.97	1116.68	139.38	1.07	0.97	0.46	3





Company: Jay-Bee Oil & Gas
 Well: Doc 3
 Location: Tyler Co., WV
 Rig: Precision 823
 API No: 47-095-02621-00-00
 Start Date: 12/17/21 Start Depth: 349

Job Number: 68750 Calculation Method: Minimum Curvature
 Magnetic Declination: -7.73 Proposed Azimuth: 134.54
 Grid Correction: 0.15 Depth Ref: RKB 1053 ft Plan # 2
 Total Correction: -7.88 Field: Marcellus
 North reference: Grid Location Lat/Long: 39.4491665, -80.768239
 End Date: 12/27/21 End Depth: 12433

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 #
Velocity	8715	8648	89.81	134.25	S 45.8 E	89	6828.39	1201.69	-910.24	790.23	1205.40	139.04	1.09	-0.38	-1.02	3
Velocity	8804	8737	89.10	133.35	S 46.7 E	89	6829.24	1290.68	-971.84	854.46	1294.05	138.68	1.29	-0.80	-1.01	3
Velocity	8893	8826	91.21	135.62	S 44.4 E	89	6829.00	1379.67	-1034.19	917.95	1382.82	138.41	3.48	2.37	2.55	3
Velocity	8983	8916	91.10	134.70	S 45.3 E	90	6827.18	1469.65	-1098.00	981.40	1472.66	138.21	1.03	-0.12	-1.02	3
Velocity	9072	9005	89.68	133.51	S 46.5 E	89	6826.58	1558.64	-1159.94	1045.30	1561.44	137.98	2.08	-1.60	-1.34	3
Velocity	9162	9095	89.15	132.75	S 47.3 E	90	6827.50	1648.60	-1221.46	1110.98	1651.13	137.71	1.03	-0.59	-0.84	3
Velocity	9252	9185	90.39	135.26	S 44.7 E	90	6827.86	1738.59	-1283.98	1175.71	1740.95	137.52	3.11	1.38	2.79	3
Velocity	9341	9274	90.70	135.38	S 44.6 E	89	6827.01	1827.58	-1347.26	1238.28	1829.88	137.41	0.37	0.35	0.13	3
Velocity	9430	9363	89.93	135.10	S 44.9 E	89	6826.52	1916.57	-1410.45	1300.95	1918.82	137.31	0.92	-0.87	-0.31	3
Velocity	9520	9453	91.58	136.69	S 43.3 E	90	6825.34	2006.53	-1475.07	1363.58	2008.78	137.25	2.55	1.83	1.77	3
Velocity	9610	9543	91.21	135.81	S 44.2 E	90	6823.14	2096.46	-1540.06	1425.80	2098.73	137.21	1.06	-0.41	-0.98	3
Velocity	9700	9633	90.72	134.03	S 46.0 E	90	6821.63	2186.44	-1603.60	1489.51	2188.65	137.11	2.05	-0.54	-1.98	3
Velocity	9790	9723	89.70	131.46	S 48.5 E	90	6821.30	2276.39	-1664.68	1555.60	2278.39	136.94	3.07	-1.13	-2.86	3
Velocity	9879	9812	89.55	132.02	S 48.0 E	89	6821.88	2365.28	-1723.93	1622.01	2367.03	136.74	0.65	-0.17	0.63	3
Velocity	9969	9902	89.48	132.55	S 47.5 E	90	6822.64	2455.21	-1784.48	1688.59	2456.77	136.58	0.59	-0.08	0.59	3
Velocity	10060	9993	89.24	132.66	S 47.3 E	91	6823.66	2546.15	-1846.08	1755.56	2547.55	136.44	0.29	-0.26	0.12	3
Velocity	10150	10083	89.55	132.28	S 47.7 E	90	6824.61	2636.09	-1906.84	1821.95	2637.34	136.30	0.54	0.34	-0.42	3
Velocity	10240	10173	90.36	131.21	S 48.8 E	90	6824.68	2725.98	-1966.77	1889.10	2727.06	136.15	1.49	0.90	-1.19	3
Velocity	10330	10263	90.18	129.87	S 50.1 E	90	6824.26	2815.76	-2025.26	1957.49	2816.64	135.97	1.50	-0.20	-1.49	3
Velocity	10420	10353	88.53	133.02	S 47.0 E	90	6825.27	2905.60	-2084.82	2024.94	2906.35	135.83	3.95	-1.83	3.50	3
Velocity	10510	10443	89.87	133.75	S 46.3 E	90	6826.53	2995.57	-2146.63	2090.34	2996.25	135.76	1.70	1.49	0.81	3
Velocity	10599	10532	90.28	134.07	S 45.9 E	89	6826.41	3084.57	-2208.36	2154.45	3085.21	135.71	0.58	0.46	0.36	3
Velocity	10688	10621	90.21	133.19	S 46.8 E	89	6826.03	3173.56	-2269.77	2218.87	3174.15	135.65	0.99	-0.08	-0.99	3
Velocity	10777	10710	90.13	134.06	S 45.9 E	89	6825.77	3262.54	-2331.17	2283.30	3263.10	135.59	0.98	-0.09	0.98	3
Velocity	10866	10799	89.93	133.82	S 46.2 E	89	6825.72	3351.54	-2392.93	2347.38	3352.06	135.55	0.35	-0.22	-0.27	3
Velocity	10955	10888	89.04	135.03	S 45.0 E	89	6826.52	3440.53	-2455.22	2410.94	3441.04	135.52	1.69	-1.00	1.36	3
Velocity	11046	10979	90.28	133.30	S 46.7 E	91	6827.06	3531.52	-2518.62	2476.21	3532.00	135.49	2.34	1.36	-1.90	3
Velocity	11136	11069	91.04	130.76	S 49.2 E	90	6826.02	3621.42	-2578.86	2543.05	3621.83	135.40	2.95	0.84	-2.82	3
Velocity	11227	11160	90.44	131.31	S 48.7 E	91	6824.85	3712.24	-2638.60	2611.69	3712.57	135.29	0.89	-0.66	0.60	3
Velocity	11317	11250	90.01	131.52	S 48.5 E	90	6824.49	3802.11	-2698.14	2679.18	3802.36	135.20	0.53	-0.48	0.23	3
Velocity	11406	11339	88.61	131.17	S 48.8 E	89	6825.56	3890.96	-2756.92	2745.99	3891.16	135.11	1.62	-1.57	-0.39	3
Velocity	11495	11428	88.41	131.31	S 48.7 E	89	6827.88	3979.78	-2815.57	2812.89	3979.93	135.03	0.27	-0.22	0.16	3
Velocity	11584	11517	91.44	134.32	S 45.7 E	89	6828.00	4068.72	-2876.05	2878.16	4068.84	134.98	4.80	3.40	3.38	3
Velocity	11673	11606	90.28	133.16	S 46.8 E	89	6826.66	4157.70	-2937.57	2942.46	4157.81	134.95	1.84	-1.30	-1.30	3
Velocity	11762	11695	89.95	133.20	S 46.8 E	89	6826.48	4246.68	-2998.47	3007.35	4246.77	134.92	0.37	-0.37	0.04	3
Velocity	11851	11784	89.73	133.73	S 46.3 E	89	6826.73	4335.66	-3059.70	3071.95	4335.74	134.89	0.64	-0.25	0.60	3
Velocity	11940	11873	89.38	133.78	S 46.2 E	89	6827.42	4424.65	-3121.25	3136.23	4424.72	134.86	0.40	-0.39	0.06	3
Velocity	12029	11962	90.24	133.81	S 46.2 E	89	6827.72	4513.64	-3182.84	3200.47	4513.70	134.84	0.97	0.97	0.03	3
Velocity	12118	12051	90.42	133.99	S 46.0 E	89	6827.20	4602.63	-3244.55	3264.60	4602.69	134.82	0.29	0.20	0.20	3
Velocity	12208	12141	90.39	134.62	S 45.4 E	90	6826.57	4692.63	-3307.41	3329.01	4692.68	134.81	0.70	-0.03	0.70	3
Velocity	12298	12231	90.04	133.58	S 46.4 E	90	6826.23	4782.62	-3370.04	3393.64	4782.67	134.80	1.22	-0.39	-1.16	3
Velocity	12387	12320	90.28	133.91	S 46.1 E	89	6825.98	4871.62	-3431.58	3457.93	4871.66	134.78	0.46	0.27	0.37	3

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Company: Jay-Bee Oil & Gas Job Number: 68750 Calculation Method: Minimum Curvature
 Well: Doc 3 Magnetic Declination: -7.73 Proposed Azimuth: 134.54
 Location: Tyler Co., WV Grid Correction: 0.15 Depth Ref: RKB 1053 ft Plan # 2
 Rig: Precision 823 Total Correction: -7.88 Field: Marcellus
 API No: 47-095-02621-00-00 North reference: Grid Location Lat/Long: 39.4491665, -80.768239
 Start Date: 12/17/21 Start Depth: 349 End Date: 12/27/21 End Depth: 12433

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		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
									+N/-S (ft)	+E/-W (ft)	Distance (ft)	Angle (deg)				
Last Svy	12433	12366	90.30	133.89	S 46.1 E	46	6825.75	4917.61	-3463.48	3491.08	4917.65	134.77	0.06	0.04	-0.04	3
TD Proj	12433	12433	90.30	133.89	S 46.1 E	67	6825.40	4984.61	-3509.93	3539.36	4984.64	134.76	0.00	0.00	0.00	3

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