



Company: Jay Bee Oil & Gas

Well: P7N3U

Location: Pleasants Co., WV

Rig: Patterson 582

API No: 47-073-02602-00-00

Start Date: 04/23/22 Start Depth: 350

Job Number: 69569 Calculation Method: Minimum Curvature

Magnetic Declination: -8.235 Proposed Azimuth: 332.11

Grid Correction: -1.025 Depth Ref: RKB 979 ft Plan # 2

Total Correction: -7.21 Field: Utica

North reference: Grid Location Lat/Long: 39.4092424, -81.1073249

End Date: 05/16/22 End Depth: 16879

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) (ft)		Closure Distance (ft) Angle (deg)		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	RUN #
TIP	326.60	326.60	1.43	174.91	S 5.1 E	0	326.54	-2.37	-3.76	-2.05	0	0	0	0	0	0
1st Svy	495	421	1.14	297.73	N 62.3 W	94	420.93	-2.68	-4.50	-2.78	5.28	211.70	2.39	-0.31	130.11	1
Velocity	585	511	1.29	293.08	N 66.9 W	90	510.91	-1.15	-3.68	-4.50	5.82	230.71	0.20	0.17	-5.17	1
Velocity	680	606	0.92	283.87	N 76.1 W	95	605.89	0.19	-3.08	-6.23	6.95	243.67	0.43	-0.39	-9.69	1
Velocity	775	701	0.82	283.41	N 76.6 W	95	700.88	1.15	-2.74	-7.63	8.10	250.24	0.11	-0.11	-0.48	1
Velocity	869	795	0.51	251.09	S 71.1 W	94	794.87	1.66	-2.72	-8.68	9.09	252.60	0.51	-0.33	-34.38	1
Velocity	964	890	0.15	355.58	N 4.4 W	95	889.87	1.84	-2.73	-9.09	9.49	253.26	0.60	-0.38	109.99	1
Velocity	1059	985	0.59	330.69	N 29.3 W	95	984.87	2.44	-2.18	-9.34	9.59	256.84	0.48	0.46	-26.20	1
Velocity	1157	1083	1.03	311.18	N 48.8 W	98	1082.86	3.77	-1.16	-10.25	10.31	263.53	0.52	0.45	-19.91	1
Velocity	1252	1178	1.30	296.77	N 63.2 W	95	1177.84	5.44	-0.11	-11.85	11.85	269.45	0.42	0.28	-15.17	1
Velocity	1346	1272	0.57	299.03	N 61.0 W	94	1271.83	6.70	0.59	-13.21	13.22	272.57	0.78	-0.78	2.40	1
Velocity	1441	1367	0.49	294.34	N 65.7 W	95	1366.82	7.42	0.99	-13.99	14.03	274.04	0.10	-0.08	-4.94	1
Velocity	1536	1462	0.33	340.17	N 19.8 W	95	1461.82	8.01	1.41	-14.46	14.53	275.59	0.37	-0.17	48.24	1
Velocity	1631	1557	0.87	24.79	N 24.8 E	95	1556.82	8.72	2.33	-14.25	14.44	279.27	0.71	0.57	46.97	1
Velocity	1726	1652	1.49	48.80	N 48.8 E	95	1651.80	9.44	3.79	-13.02	13.56	286.25	0.82	0.65	25.27	1
Velocity	1821	1747	1.36	41.70	N 41.7 E	95	1746.77	10.12	5.45	-11.34	12.58	295.67	0.23	-0.14	-7.47	1
Velocity	1916	1842	0.83	78.35	N 78.4 E	95	1841.75	10.32	6.43	-9.91	11.82	302.97	0.90	-0.56	38.58	1
Velocity	2011	1937	1.04	133.30	S 46.7 E	95	1936.74	9.31	5.98	-8.61	10.48	304.77	0.93	0.22	57.84	1
Velocity	2100	2028	1.59	128.55	S 51.5 E	91	2027.71	7.37	4.62	-7.02	8.41	303.37	0.62	0.60	-5.22	2
Velocity	2196	2124	2.75	135.13	S 44.9 E	96	2123.64	3.95	2.16	-4.36	4.86	296.40	1.23	1.21	6.85	2
Velocity	2290	2218	4.04	142.85	S 37.2 E	94	2217.48	-1.48	-2.07	-0.77	2.21	200.27	1.45	1.37	8.21	2
Velocity	2385	2313	4.47	143.57	S 36.4 E	95	2312.22	-8.44	-7.72	3.45	8.46	155.90	0.46	0.45	0.76	2
Velocity	2480	2408	4.72	139.95	S 40.1 E	95	2406.91	-15.92	-13.69	8.17	15.94	149.18	0.40	0.26	-3.81	2
Velocity	2578	2506	4.77	138.68	S 41.3 E	98	2504.63	-23.08	-19.26	12.94	23.21	146.10	0.87	-0.87	-1.30	2
Velocity	2672	2600	4.09	152.33	S 27.7 E	94	2598.46	-28.70	-23.89	16.22	28.87	145.83	1.21	-0.83	14.52	2
Velocity	2767	2695	4.05	163.77	S 16.2 E	95	2693.33	-33.71	-28.56	18.10	33.81	147.63	0.64	-0.07	12.04	2
Velocity	2862	2790	4.55	147.01	S 33.0 E	95	2788.16	-39.26	-33.57	20.50	39.33	148.59	1.29	0.77	-17.64	2
Velocity	2957	2885	4.27	139.10	S 40.9 E	95	2882.94	-45.72	-38.78	24.45	45.85	147.77	0.72	0.44	-8.33	2
Velocity	3052	2980	4.02	135.14	S 44.9 E	95	2977.68	-52.42	-43.87	29.18	52.69	146.38	0.31	0.05	-4.17	2
Velocity	3147	3075	4.68	141.01	S 39.0 E	95	3072.46	-58.76	-48.72	33.56	59.16	145.44	0.71	-0.57	6.18	2
Velocity	3242	3170	3.22	146.60	S 33.4 E	95	3167.28	-64.41	-53.32	36.95	64.87	145.28	0.60	-0.48	5.88	2
Velocity	3337	3265	3.31	149.15	S 30.9 E	95	3262.13	-69.80	-57.90	39.82	70.27	145.48	0.18	0.09	2.68	2
Velocity	3432	3360	3.38	150.22	S 29.8 E	95	3356.97	-75.34	-62.68	42.62	75.80	145.79	0.10	0.07	1.13	2

Data provided by
 West Virginia Dept
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 Co.

Velocity	3526	3454	3.37	151.57	S 28.4 E	94	3450.81	-80.87	-67.52	45.31	81.31	146.14	0.09	-0.01	1.44	2
Velocity	3622	3550	3.57	147.07	S 32.9 E	96	3546.63	-86.67	-72.51	48.28	87.11	146.34	0.35	0.21	-4.69	2
Velocity	3716	3644	4.15	146.16	S 33.8 E	94	3640.42	-92.97	-77.79	51.76	93.44	146.36	0.62	0.62	-0.97	2
Velocity	3811	3739	4.83	143.48	S 36.5 E	95	3735.12	-100.34	-83.86	56.06	100.87	146.24	0.75	0.72	-2.82	2
Velocity	3906	3834	5.07	138.14	S 41.9 E	95	3829.77	-108.37	-90.20	61.24	109.02	145.83	0.55	0.25	-5.62	2
Velocity	4000	3928	3.97	130.90	S 49.1 E	94	3923.48	-115.43	-95.42	66.47	116.29	145.14	1.32	-1.17	-7.70	2
Velocity	4095	4023	3.07	126.01	S 54.0 E	95	4018.30	-120.78	-99.07	71.01	121.90	144.37	1.00	-0.95	-5.15	2
Velocity	4189	4117	3.08	151.27	S 28.7 E	94	4112.17	-125.57	-102.77	74.26	126.79	144.15	1.43	0.01	26.87	2
Velocity	4284	4212	4.06	165.61	S 14.4 E	95	4206.98	-131.39	-108.26	76.33	132.46	144.82	1.39	1.03	15.09	2
Velocity	4379	4307	5.10	163.86	S 16.1 E	95	4301.68	-138.80	-115.58	78.34	139.62	145.87	1.10	1.09	-1.84	2
Velocity	4474	4402	5.90	157.60	S 22.4 E	95	4396.24	-147.79	-124.15	81.37	148.44	146.76	1.05	0.84	-6.59	2
Velocity	4569	4497	5.77	154.74	S 25.3 E	95	4490.75	-157.42	-132.98	85.27	157.97	147.33	0.34	-0.14	-3.01	2
Velocity	4663	4591	5.40	139.98	S 40.0 E	94	4584.31	-166.47	-140.64	90.13	167.04	147.35	1.57	-0.39	-15.70	2
Velocity	4761	4689	4.67	125.72	S 54.3 E	98	4681.93	-174.55	-146.50	96.34	175.34	146.67	1.47	-0.74	-14.55	2
Velocity	4855	4783	2.88	130.22	S 49.8 E	94	4775.72	-180.17	-150.26	101.25	181.19	146.03	1.93	-1.90	4.79	2
Velocity	4950	4878	3.56	146.44	S 33.6 E	95	4870.58	-185.32	-154.26	104.70	186.44	145.83	1.19	0.72	17.07	2
Velocity	5045	4973	4.69	152.81	S 27.2 E	95	4965.33	-192.14	-160.17	108.10	193.24	145.98	1.28	1.19	6.71	2
Velocity	5139	5067	5.20	144.92	S 35.1 E	94	5058.98	-200.21	-167.08	112.31	201.32	146.09	0.90	0.54	-8.39	2
Velocity	5235	5163	4.19	125.81	S 54.2 E	96	5154.66	-207.67	-172.69	117.65	208.96	145.73	1.93	-1.05	-19.91	2
Velocity	5330	5258	4.63	103.79	S 76.2 E	95	5249.39	-213.33	-175.64	124.19	215.11	144.74	1.83	0.46	-23.18	2
Velocity	5424	5352	6.16	98.95	S 81.1 E	94	5342.97	-218.88	-177.32	132.86	221.57	143.16	1.70	1.63	-5.15	2
Velocity	5520	5448	6.46	106.40	S 73.6 E	96	5438.39	-225.74	-179.65	143.13	229.69	141.46	0.91	0.31	7.76	2
Velocity	5614	5542	5.67	121.85	S 58.2 E	94	5531.87	-233.44	-183.59	152.15	238.44	140.35	1.92	-0.84	16.44	2
Velocity	5709	5637	4.37	141.41	S 38.6 E	95	5626.51	-241.05	-188.90	158.39	246.52	140.02	2.24	-1.37	20.59	2
Velocity	5803	5731	2.77	151.77	S 28.2 E	94	5720.32	-246.84	-193.70	161.70	252.32	140.15	1.83	-1.70	11.02	2
Velocity	5993	5921	0.44	272.27	N 87.7 W	190	5910.25	-251.07	-197.72	163.14	256.33	140.47	1.59	-1.23	63.42	2
Velocity	6087	6015	0.63	282.75	N 77.3 W	94	6004.25	-250.55	-197.59	162.28	255.69	140.60	0.23	0.20	11.15	2
Velocity	6277	6205	0.91	188.71	S 8.7 W	190	6194.24	-251.08	-198.85	161.03	255.87	141.00	0.60	0.15	-49.49	2
Velocity	6372	6300	3.51	160.20	S 19.8 E	95	6289.16	-254.56	-202.33	161.90	259.13	141.33	2.89	2.74	-30.01	2
Velocity	6466	6394	5.16	147.68	S 32.3 E	94	6382.89	-261.63	-208.61	165.14	266.06	141.64	2.01	1.76	-13.32	2
Velocity	6564	6492	5.05	137.79	S 42.2 E	98	6480.50	-270.20	-215.53	170.39	274.75	141.67	0.90	-0.11	-10.09	2
Velocity	6659	6587	4.06	138.20	S 41.8 E	95	6575.20	-277.52	-221.14	175.44	282.28	141.57	1.04	-1.04	0.43	2
Velocity	6754	6682	3.32	148.33	S 31.7 E	95	6670.01	-283.53	-225.98	179.13	288.37	141.60	1.04	-0.78	10.66	2
Velocity	6848	6776	3.55	151.96	S 28.0 E	94	6763.84	-289.15	-230.87	181.92	293.93	141.76	0.34	0.24	3.86	2
Velocity	6943	6871	4.23	152.06	S 27.9 E	95	6858.62	-295.60	-236.56	184.95	300.28	141.98	0.72	0.72	0.11	2
Velocity	7038	6966	4.85	155.20	S 24.8 E	95	6953.32	-303.11	-243.30	188.27	307.64	142.27	0.70	0.65	3.31	2
Velocity	7134	7062	4.71	148.65	S 31.4 E	96	7048.99	-311.10	-250.35	192.03	315.52	142.51	0.59	-0.15	-6.82	2
Velocity	7228	7156	4.91	142.49	S 37.5 E	94	7142.66	-318.92	-256.84	196.48	323.38	142.58	0.59	0.21	-6.55	2
Velocity	7323	7251	4.64	144.20	S 35.8 E	95	7237.33	-326.73	-263.18	201.21	331.28	142.60	0.32	-0.28	1.80	2
Velocity	7417	7345	3.54	146.14	S 33.9 E	94	7331.09	-333.38	-268.67	205.05	337.98	142.65	1.18	-1.17	2.06	2
Velocity	7512	7440	2.89	149.83	S 30.2 E	95	7425.94	-338.69	-273.18	207.89	343.28	142.73	0.72	-0.68	3.88	2
Velocity	7606	7534	3.45	150.31	S 29.7 E	94	7519.79	-343.89	-277.69	210.48	348.44	142.84	0.60	0.60	0.51	2
Velocity	7701	7629	4.41	139.28	S 40.7 E	95	7614.57	-350.31	-282.94	214.28	354.92	142.86	1.28	1.01	-11.61	2

Velocity	7795	7723	5.84	130.82	S 49.2 E	94	7708.19	-358.29	-288.80	220.25	363.21	142.67	1.72	1.52	-9.00	2
Velocity	7890	7818	5.14	131.41	S 48.6 E	95	7802.76	-366.77	-294.78	227.10	372.11	142.39	0.74	-0.74	0.62	2
Velocity	7985	7913	3.52	137.08	S 42.9 E	95	7897.48	-373.57	-299.73	232.28	379.20	142.23	1.76	-1.71	5.97	2
Velocity	8080	8008	2.83	151.09	S 28.9 E	95	7992.34	-378.73	-303.92	235.40	384.42	142.24	1.09	-0.73	14.75	2
Velocity	8174	8102	3.21	157.64	S 22.4 E	94	8086.21	-383.67	-308.38	237.52	389.25	142.40	0.55	0.40	6.97	2
Velocity	8263	8192	4.08	155.52	S 24.5 E	90	8176.02	-389.37	-313.63	239.81	394.80	142.60	0.98	0.97	-2.36	3
Velocity	8359	8288	5.22	156.24	S 23.8 E	96	8271.71	-397.14	-320.73	242.98	402.38	142.85	1.19	1.19	0.75	3
Velocity	8453	8382	6.39	152.08	S 27.9 E	94	8365.22	-406.64	-329.27	247.16	411.71	143.11	1.32	1.24	-4.43	3
Velocity	8548	8477	5.95	149.47	S 30.5 E	95	8459.67	-416.84	-338.18	252.13	421.83	143.29	0.55	-0.46	-2.75	3
Velocity	8643	8572	4.56	145.84	S 34.2 E	95	8554.27	-425.51	-345.55	256.75	430.49	143.39	1.50	-1.46	-3.82	3
Velocity	8738	8667	3.00	147.77	S 32.2 E	95	8649.06	-431.75	-350.78	260.20	436.75	143.43	1.65	-1.64	2.03	3
Velocity	8833	8762	1.75	106.22	S 73.8 E	95	8743.98	-435.24	-353.28	262.92	440.38	143.34	2.16	-1.32	-43.74	3
Velocity	8928	8857	2.29	36.29	N 36.3 E	95	8838.94	-435.42	-352.16	265.44	440.99	142.99	2.48	0.57	-73.61	3
Velocity	9023	8952	2.05	356.34	N 3.7 W	95	8933.87	-433.04	-348.93	266.45	439.03	142.63	1.58	-0.25	-42.05	3
Velocity	9117	9046	1.22	310.49	N 49.5 W	94	9027.84	-430.58	-346.61	265.58	436.66	142.54	1.58	-0.88	-48.78	3
Velocity	9212	9141	3.01	323.13	N 36.9 W	95	9122.77	-427.18	-343.95	263.32	433.17	142.56	1.94	1.88	13.31	3
Velocity	9307	9236	3.13	325.46	N 34.5 W	95	9217.63	-422.14	-339.82	260.35	428.09	142.54	0.18	0.13	2.45	3
Extreme	9327	9295	4.09	340.36	N 19.6 W	59	9276.52	-418.45	-336.51	258.73	424.48	142.44	2.26	1.63	25.25	4
Extreme	9391	9359	7.33	331.18	N 28.8 W	64	9340.19	-412.11	-330.78	255.99	418.27	142.26	5.24	5.06	-14.34	4
Extreme	9485	9453	13.59	326.19	N 33.8 W	94	9432.59	-395.11	-316.34	246.95	401.32	142.02	6.72	6.66	-5.31	4
Extreme	9580	9548	18.19	328.53	N 31.5 W	95	9523.93	-369.20	-294.41	232.99	375.45	141.64	4.89	4.84	2.46	4
Extreme	9675	9643	23.23	332.53	N 27.5 W	95	9612.77	-335.64	-265.12	216.60	342.35	140.75	5.51	5.31	4.21	4
Extreme	9770	9738	28.97	333.68	N 26.3 W	95	9698.05	-293.87	-227.84	197.74	301.68	139.05	6.07	6.04	1.21	4
Extreme	9865	9833	35.23	334.12	N 25.9 W	95	9778.48	-243.44	-182.52	175.55	253.24	136.11	6.59	6.59	0.46	4
Extreme	9959	9927	42.44	334.13	N 25.9 W	94	9851.66	-184.57	-129.52	149.85	198.06	130.84	7.67	7.67	0.01	4
Extreme	10054	10022	48.99	333.59	N 26.4 W	95	9917.95	-116.63	-68.51	119.88	138.08	119.75	6.91	6.89	-0.57	4
Extreme	10149	10117	56.43	333.14	N 26.9 W	95	9975.47	-41.12	-1.00	86.01	86.02	90.67	7.84	7.83	-0.47	4
Extreme	10244	10212	65.47	333.67	N 26.3 W	95	10021.55	41.82	73.19	48.89	88.01	33.74	9.53	9.52	0.56	4
Extreme	10339	10307	73.50	333.20	N 26.8 W	95	10054.82	130.70	152.70	9.12	152.97	3.42	8.47	8.45	-0.49	4
Extreme	10434	10402	81.90	331.74	N 28.3 W	95	10075.04	223.43	234.92	-33.76	237.34	351.82	8.97	8.84	-1.54	4
Extreme	10529	10497	89.67	332.07	N 27.9 W	95	10082.02	318.10	318.44	-78.34	327.93	346.18	8.19	8.18	0.35	4
Extreme	10624	10592	92.51	332.45	N 27.6 W	95	10080.21	413.07	402.50	-122.55	420.74	343.07	3.02	2.99	0.40	4
Extreme	10718	10686	92.74	332.26	N 27.7 W	94	10075.90	506.97	485.68	-166.12	513.30	341.12	0.32	0.24	-0.20	4
Extreme	10813	10781	91.87	329.86	N 30.1 W	95	10072.12	601.87	568.74	-212.05	606.99	339.55	2.70	-0.97	-2.53	4
Extreme	10908	10876	91.87	330.39	N 29.6 W	95	10069.06	696.77	651.08	-259.34	700.83	338.28	0.56	0.05	0.56	4
Extreme	11003	10971	91.73	330.35	N 29.7 W	95	10066.08	791.67	733.61	-306.29	794.98	337.34	0.15	-0.15	-0.04	4
Extreme	11097	11065	91.87	329.65	N 30.4 W	94	10063.17	885.57	814.98	-353.26	888.25	336.56	0.75	0.10	-0.74	4
Extreme	11192	11160	91.73	330.12	N 29.9 W	95	10060.23	980.45	897.12	-400.91	982.62	335.92	0.51	-0.11	0.49	4
Extreme	11287	11255	91.86	331.01	N 29.0 W	95	10057.68	1075.38	979.82	-447.58	1077.21	335.45	1.01	-0.38	0.94	4
Extreme	11382	11350	91.79	329.30	N 30.7 W	95	10055.07	1170.28	1062.19	-494.83	1171.80	335.02	1.86	0.45	-1.80	4
Extreme	11477	11445	91.11	330.49	N 29.5 W	95	10052.67	1265.18	1144.35	-542.47	1266.41	334.64	1.44	-0.72	1.25	4
Extreme	11572	11540	91.32	330.08	N 29.9 W	95	10050.65	1360.11	1226.83	-589.55	1361.14	334.33	0.48	0.22	-0.43	4
Extreme	11666	11634	91.46	331.47	N 28.5 W	94	10048.37	1454.05	1308.84	-635.43	1454.94	334.10	1.49	0.15	1.48	4

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Extreme	11761	11729	92.42	331.65	N 28.4 W	95	10045.16	1548.99	1392.33	-680.64	1549.79	333.95	1.03	1.01	0.19	4
Extreme	11856	11824	92.04	330.80	N 29.2 W	95	10041.46	1643.91	1475.53	-726.34	1644.62	333.79	0.98	-0.40	-0.89	4
Extreme	11951	11919	92.24	331.03	N 29.0 W	95	10037.91	1738.82	1558.50	-772.49	1739.44	333.63	0.32	0.21	0.24	4
Extreme	12046	12014	92.24	331.57	N 28.4 W	95	10034.20	1833.74	1641.76	-818.07	1834.29	333.51	0.57	0.00	0.57	4
Extreme	12141	12109	92.49	332.11	N 27.9 W	95	10030.28	1928.66	1725.45	-862.87	1929.17	333.43	0.63	0.26	0.57	4
Extreme	12236	12204	92.26	331.46	N 28.5 W	95	10026.34	2023.57	1809.08	-907.74	2024.05	333.35	0.73	-0.24	-0.68	4
Extreme	12330	12298	92.18	332.29	N 27.7 W	94	10022.70	2117.50	1891.92	-952.02	2117.95	333.29	0.89	-0.09	0.88	4
Extreme	12425	12393	92.43	332.48	N 27.5 W	95	10018.88	2212.42	1976.03	-996.02	2212.86	333.25	0.33	0.26	0.20	4
Extreme	12519	12487	92.29	331.54	N 28.5 W	94	10015.01	2306.34	2058.97	-1040.10	2306.76	333.20	1.01	-0.15	-1.00	4
Extreme	12614	12582	92.24	332.31	N 27.7 W	95	10011.25	2401.27	2142.72	-1084.77	2401.66	333.15	0.81	-0.05	0.81	4
Extreme	12709	12677	92.37	332.12	N 27.9 W	95	10007.43	2496.19	2226.70	-1129.02	2496.57	333.11	0.24	0.14	-0.20	4
Extreme	12804	12772	92.14	331.93	N 28.1 W	95	10003.69	2591.12	2310.53	-1173.55	2591.48	333.07	0.31	-0.24	-0.20	4
Extreme	12993	12961	92.64	331.81	N 28.2 W	189	9995.81	2779.95	2477.06	-1262.58	2780.28	332.99	0.27	0.26	-0.06	4
Extreme	13088	13056	92.32	332.35	N 27.7 W	95	9991.70	2874.86	2560.93	-1307.02	2875.18	332.96	0.66	-0.34	0.57	4
Extreme	13276	13244	91.83	332.08	N 27.9 W	188	9984.90	3062.74	2727.14	-1394.60	3063.04	332.92	0.30	-0.26	-0.14	4
Extreme	13371	13339	92.32	331.76	N 28.2 W	95	9981.46	3157.67	2810.90	-1439.29	3157.96	332.89	0.62	0.52	-0.34	4
Extreme	13466	13434	92.25	332.06	N 27.9 W	95	9977.67	3252.60	2894.65	-1483.98	3252.87	332.86	0.32	-0.07	0.32	4
Extreme	13656	13624	91.30	332.62	N 27.4 W	190	9971.78	3442.50	3062.85	-1572.14	3442.77	332.83	0.58	-0.50	0.29	4
Extreme	13751	13719	91.31	332.18	N 27.8 W	95	9969.62	3537.48	3147.02	-1616.14	3537.74	332.82	0.46	0.01	-0.46	4
Extreme	13846	13814	91.39	332.37	N 27.6 W	95	9967.38	3632.45	3231.09	-1660.33	3632.71	332.80	0.22	0.08	0.20	4
Extreme	13941	13909	90.85	331.61	N 28.4 W	95	9965.52	3727.43	3314.94	-1704.93	3727.69	332.78	0.98	-0.57	-0.80	4
Extreme	14035	14003	90.51	331.32	N 28.7 W	94	9964.41	3821.42	3397.52	-1749.83	3821.65	332.75	0.48	-0.36	-0.31	4
Extreme	14130	14098	90.80	332.46	N 27.5 W	95	9963.32	3916.41	3481.30	-1794.59	3916.64	332.73	1.24	0.31	1.20	4
Extreme	14224	14192	90.33	332.14	N 27.9 W	94	9962.40	4010.40	3564.53	-1838.28	4010.63	332.72	0.60	-0.50	-0.34	4
Extreme	14319	14287	91.02	332.06	N 27.9 W	95	9961.28	4105.40	3648.48	-1882.73	4105.62	332.70	0.73	0.73	-0.08	4
Extreme	14414	14382	90.75	331.50	N 28.5 W	95	9959.81	4200.38	3732.18	-1927.65	4200.59	332.68	0.65	-0.28	-0.59	4
Extreme	14509	14477	91.15	331.84	N 28.2 W	95	9958.23	4295.37	3815.79	-1972.73	4295.56	332.66	0.55	0.42	0.36	4
Extreme	14604	14572	91.48	331.58	N 28.4 W	95	9956.05	4390.34	3899.42	-2017.74	4390.53	332.64	0.44	0.35	-0.27	4
Extreme	14699	14667	91.78	331.19	N 28.8 W	95	9953.35	4485.29	3982.78	-2063.22	4485.47	332.61	0.52	0.32	-0.41	4
Extreme	14793	14761	91.99	332.36	N 27.6 W	94	9950.26	4579.24	4065.56	-2107.65	4579.40	332.60	1.26	0.22	1.24	4
Extreme	14982	14950	91.86	331.47	N 28.5 W	189	9943.91	4768.13	4232.21	-2196.57	4768.28	332.57	0.48	-0.07	-0.47	4
Extreme	15078	15046	91.12	329.71	N 30.3 W	96	9941.41	4864.06	4315.80	-2243.70	4864.19	332.53	1.99	-0.77	-1.83	4
Extreme	15267	15235	91.05	331.59	N 28.4 W	189	9937.84	5052.95	4480.51	-2336.31	5053.05	332.46	1.00	-0.04	0.99	4
Extreme	15362	15330	91.16	332.14	N 27.9 W	95	9936.00	5147.93	4564.26	-2381.10	5148.02	332.45	0.59	0.12	0.58	4
Extreme	15457	15425	91.35	332.07	N 27.9 W	95	9933.92	5242.91	4648.21	-2425.54	5243.00	332.44	0.21	0.20	-0.07	4
Extreme	15552	15520	91.24	332.10	N 27.9 W	95	9931.78	5337.89	4732.13	-2470.00	5337.97	332.44	0.12	-0.12	0.03	4
Extreme	15647	15615	91.45	331.26	N 28.7 W	95	9929.55	5432.86	4815.74	-2515.06	5432.94	332.42	0.91	0.22	-0.88	4
Extreme	15741	15709	91.53	332.22	N 27.8 W	94	9927.10	5526.82	4898.50	-2559.55	5526.90	332.41	1.02	0.09	1.02	4
Extreme	15836	15804	91.49	331.51	N 28.5 W	95	9924.60	5621.79	4982.25	-2604.33	5621.86	332.40	0.75	-0.04	-0.75	4
Extreme	15930	15898	91.39	329.94	N 30.1 W	94	9922.24	5715.73	5064.21	-2650.28	5715.79	332.38	1.67	-0.11	-1.67	4
Extreme	16025	15993	91.55	330.08	N 29.9 W	95	9919.80	5810.63	5146.47	-2697.75	5810.68	332.34	0.22	0.17	0.15	4
Extreme	16119	16087	91.61	332.24	N 27.8 W	94	9917.21	5904.58	5228.77	-2743.07	5904.62	332.32	2.30	0.06	2.30	4
Extreme	16213	16181	91.54	332.13	N 27.9 W	94	9914.62	5998.54	5311.88	-2786.92	5998.58	332.32	0.14	-0.07	-0.12	4

Extreme	16308	16276	91.42	332.09	N 27.9 W	95	9912.17	6093.51	5395.82	-2831.34	6093.55	332.31	0.13	-0.13	-0.04	4
Extreme	16403	16371	91.42	331.41	N 28.6 W	95	9909.81	6188.48	5479.48	-2876.29	6188.52	332.30	0.72	0.00	-0.72	4
Extreme	16498	16466	91.41	329.88	N 30.1 W	95	9907.47	6283.42	5562.25	-2922.85	6283.44	332.28	1.61	-0.01	-1.61	4
Extreme	16593	16561	91.45	330.07	N 29.9 W	95	9905.10	6378.32	5644.48	-2970.37	6378.34	332.24	0.20	0.04	0.20	4
Extreme	16688	16656	91.59	332.72	N 27.3 W	95	9902.58	6473.27	5727.84	-3015.83	6473.29	332.23	2.79	0.15	2.79	4
Last Svy	16784	16752	91.36	331.02	N 29.0 W	96	9900.11	6569.24	5812.47	-3061.08	6569.25	332.23	1.79	-0.24	-1.77	4
Projection	16879	16879	91.36	331.02	N 29.0 W	127	9897.09	6696.18	5923.54	-3122.59	6696.19	332.20	0.00	0.00	0.00	4

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