

SUMMIT
OILFIELD SERVICES, INC

Company: Civitas
Lease/Well: Weld Weitzel 5-33
County/State: Weld/CO
API #: 05-123-14685

Survey Type: Memory Survey
North Reference: True North
Rig Name: N/A
RKB: N/A

Date: 5-9-24
Job Number: 15606-512314685
Survey Engineer: Nathan Proffitt
Instrument Number: GP1-1051

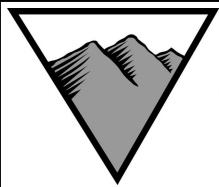
Summit Oilfield Services

Weld Weitzel 5-33 CSG Survey

Minimum Curvature Method
Vertical Section Plane: 0.00
Vertical Section Reference: Wellhead
Rectangular Coordinates Reference: Wellhead

Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	N[+]/S[-]	E[+]/W[-]	Vertical Section	Dogleg Severity	Closure Distance	Closure Direction
0.00 ft	0.00	0.00	0.00 ft	0.00 ft	0.00 ft	0.00 ft	0.00 ft	0.00/100 ft	0.00 ft	0.00
100.00 ft	0.74	253.04	100.00 ft	100.00 ft	-0.19 ft	-0.62 ft	-0.19 ft	0.74/100 ft	0.65 ft	253.04
200.00 ft	0.51	312.46	100.00 ft	199.99 ft	-0.08 ft	-1.56 ft	-0.08 ft	0.65/100 ft	1.56 ft	267.13
300.00 ft	0.86	225.60	100.00 ft	299.99 ft	-0.31 ft	-2.42 ft	-0.31 ft	0.97/100 ft	2.44 ft	262.83
400.00 ft	0.57	104.23	100.00 ft	399.98 ft	-0.95 ft	-2.48 ft	-0.95 ft	1.25/100 ft	2.65 ft	248.97
500.00 ft	0.37	293.07	100.00 ft	499.98 ft	-0.95 ft	-2.29 ft	-0.95 ft	0.94/100 ft	2.48 ft	247.53
600.00 ft	0.72	195.21	100.00 ft	599.98 ft	-1.43 ft	-2.76 ft	-1.43 ft	0.86/100 ft	3.11 ft	242.54
700.00 ft	0.66	195.27	100.00 ft	699.97 ft	-2.59 ft	-3.07 ft	-2.59 ft	0.07/100 ft	4.02 ft	229.82
800.00 ft	0.39	303.17	100.00 ft	799.97 ft	-2.96 ft	-3.51 ft	-2.96 ft	0.86/100 ft	4.59 ft	229.84
900.00 ft	0.47	219.03	100.00 ft	899.97 ft	-3.09 ft	-4.05 ft	-3.09 ft	0.58/100 ft	5.10 ft	232.64
1000.00 ft	0.52	281.37	100.00 ft	999.96 ft	-3.32 ft	-4.76 ft	-3.32 ft	0.51/100 ft	5.80 ft	235.05
1100.00 ft	0.56	339.29	100.00 ft	1099.96 ft	-2.78 ft	-5.37 ft	-2.78 ft	0.52/100 ft	6.05 ft	242.68
1200.00 ft	0.66	353.15	100.00 ft	1199.95 ft	-1.74 ft	-5.62 ft	-1.74 ft	0.18/100 ft	5.88 ft	252.74

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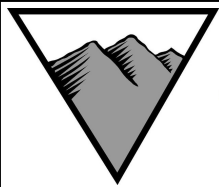
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Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	N[+]/S[-]	E[+]/W[-]	Vertical Section	Dogleg Severity	Closure Distance	Closure Direction
1300.00 ft	0.90	343.15	100.00 ft	1299.94 ft	-0.42 ft	-5.91 ft	-0.42 ft	0.27/100 ft	5.93 ft	265.95
1400.00 ft	0.90	333.67	100.00 ft	1399.93 ft	1.04 ft	-6.49 ft	1.04 ft	0.15/100 ft	6.57 ft	279.07
1500.00 ft	0.99	336.15	100.00 ft	1499.92 ft	2.53 ft	-7.19 ft	2.53 ft	0.10/100 ft	7.62 ft	289.41
1600.00 ft	0.63	21.79	100.00 ft	1599.91 ft	3.84 ft	-7.33 ft	3.84 ft	0.71/100 ft	8.28 ft	297.61
1700.00 ft	0.40	331.58	100.00 ft	1699.91 ft	4.65 ft	-7.30 ft	4.65 ft	0.48/100 ft	8.65 ft	302.53
1800.00 ft	0.93	21.17	100.00 ft	1799.90 ft	5.72 ft	-7.17 ft	5.72 ft	0.74/100 ft	9.17 ft	308.60
1900.00 ft	0.45	55.56	100.00 ft	1899.89 ft	6.71 ft	-6.55 ft	6.71 ft	0.62/100 ft	9.37 ft	315.68
2000.00 ft	0.33	78.29	100.00 ft	1999.89 ft	6.99 ft	-5.94 ft	6.99 ft	0.20/100 ft	9.17 ft	319.63
2100.00 ft	0.18	108.76	100.00 ft	2099.89 ft	7.00 ft	-5.51 ft	7.00 ft	0.20/100 ft	8.91 ft	321.78
2200.00 ft	0.79	74.23	100.00 ft	2199.88 ft	7.13 ft	-4.69 ft	7.13 ft	0.65/100 ft	8.54 ft	326.66
2300.00 ft	0.98	81.11	100.00 ft	2299.87 ft	7.45 ft	-3.18 ft	7.45 ft	0.22/100 ft	8.10 ft	336.90
2400.00 ft	1.02	74.82	100.00 ft	2399.86 ft	7.82 ft	-1.47 ft	7.82 ft	0.12/100 ft	7.96 ft	349.34
2500.00 ft	0.97	80.85	100.00 ft	2499.84 ft	8.19 ft	0.23 ft	8.19 ft	0.12/100 ft	8.19 ft	1.60
2600.00 ft	0.88	75.05	100.00 ft	2599.83 ft	8.52 ft	1.81 ft	8.52 ft	0.13/100 ft	8.71 ft	11.98
2700.00 ft	0.61	72.99	100.00 ft	2699.82 ft	8.88 ft	3.06 ft	8.88 ft	0.27/100 ft	9.39 ft	19.02
2800.00 ft	0.70	67.59	100.00 ft	2799.81 ft	9.27 ft	4.14 ft	9.27 ft	0.11/100 ft	10.15 ft	24.06
2900.00 ft	1.00	105.77	100.00 ft	2899.80 ft	9.26 ft	5.55 ft	9.26 ft	0.62/100 ft	10.80 ft	30.91
3000.00 ft	0.75	79.48	100.00 ft	2999.79 ft	9.14 ft	7.03 ft	9.14 ft	0.47/100 ft	11.53 ft	37.55
3100.00 ft	1.40	104.53	100.00 ft	3099.77 ft	8.96 ft	8.85 ft	8.96 ft	0.79/100 ft	12.60 ft	44.67
3200.00 ft	1.98	105.00	100.00 ft	3199.73 ft	8.20 ft	11.70 ft	8.20 ft	0.58/100 ft	14.29 ft	54.97
3300.00 ft	1.98	97.45	100.00 ft	3299.67 ft	7.53 ft	15.09 ft	7.53 ft	0.26/100 ft	16.86 ft	63.47

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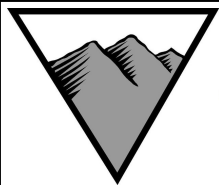
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Survey Engineer: Nathan Proffitt
Instrument Number: GP1-1051

Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	N[+]/S[-]	E[+]/W[-]	Vertical Section	Dogleg Severity	Closure Distance	Closure Direction
3400.00 ft	1.71	96.52	100.00 ft	3399.62 ft	7.14 ft	18.29 ft	7.14 ft	0.27/100 ft	19.63 ft	68.68
3500.00 ft	1.61	89.14	100.00 ft	3499.58 ft	6.99 ft	21.18 ft	6.99 ft	0.24/100 ft	22.30 ft	71.73
3600.00 ft	1.44	82.43	100.00 ft	3599.54 ft	7.18 ft	23.83 ft	7.18 ft	0.24/100 ft	24.88 ft	73.24
3700.00 ft	1.42	66.67	100.00 ft	3699.51 ft	7.83 ft	26.21 ft	7.83 ft	0.39/100 ft	27.36 ft	73.36
3800.00 ft	1.39	58.07	100.00 ft	3799.48 ft	8.97 ft	28.38 ft	8.97 ft	0.21/100 ft	29.76 ft	72.47
3900.00 ft	1.64	56.85	100.00 ft	3899.45 ft	10.39 ft	30.60 ft	10.39 ft	0.25/100 ft	32.32 ft	71.25
4000.00 ft	1.74	56.38	100.00 ft	3999.40 ft	12.01 ft	33.07 ft	12.01 ft	0.10/100 ft	35.18 ft	70.04
4100.00 ft	1.92	52.25	100.00 ft	4099.35 ft	13.88 ft	35.66 ft	13.88 ft	0.23/100 ft	38.26 ft	68.73
4200.00 ft	1.87	48.56	100.00 ft	4199.30 ft	15.99 ft	38.21 ft	15.99 ft	0.13/100 ft	41.42 ft	67.29
4300.00 ft	1.78	53.40	100.00 ft	4299.25 ft	18.00 ft	40.68 ft	18.00 ft	0.18/100 ft	44.49 ft	66.14
4400.00 ft	1.79	55.37	100.00 ft	4399.20 ft	19.81 ft	43.22 ft	19.81 ft	0.06/100 ft	47.54 ft	65.37
4500.00 ft	1.65	38.85	100.00 ft	4499.15 ft	21.82 ft	45.41 ft	21.82 ft	0.51/100 ft	50.38 ft	64.33
4600.00 ft	1.65	38.85	100.00 ft	4599.11 ft	24.07 ft	47.21 ft	24.07 ft	0.00/100 ft	52.99 ft	62.99
4700.00 ft	1.28	31.55	100.00 ft	4699.08 ft	26.14 ft	48.70 ft	26.14 ft	0.42/100 ft	55.27 ft	61.78
4800.00 ft	1.39	38.90	100.00 ft	4799.05 ft	28.03 ft	50.05 ft	28.03 ft	0.21/100 ft	57.37 ft	60.74
4900.00 ft	1.33	55.17	100.00 ft	4899.02 ft	29.64 ft	51.76 ft	29.64 ft	0.39/100 ft	59.65 ft	60.20
5000.00 ft	0.91	48.59	100.00 ft	4999.00 ft	30.83 ft	53.32 ft	30.83 ft	0.44/100 ft	61.59 ft	59.96
5100.00 ft	1.22	50.88	100.00 ft	5098.99 ft	32.03 ft	54.74 ft	32.03 ft	0.31/100 ft	63.42 ft	59.66
5200.00 ft	1.31	52.95	100.00 ft	5198.96 ft	33.39 ft	56.48 ft	33.39 ft	0.10/100 ft	65.61 ft	59.40
5300.00 ft	1.72	41.66	100.00 ft	5298.93 ft	35.20 ft	58.39 ft	35.20 ft	0.50/100 ft	68.18 ft	58.91
5400.00 ft	2.16	38.11	100.00 ft	5398.87 ft	37.81 ft	60.55 ft	37.81 ft	0.46/100 ft	71.38 ft	58.02

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Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	N[+]/S[-]	E[+]/W[-]	Vertical Section	Dogleg Severity	Closure Distance	Closure Direction
5500.00 ft	2.37	39.28	100.00 ft	5498.79 ft	40.89 ft	63.02 ft	40.89 ft	0.21/100 ft	75.12 ft	57.02
5600.00 ft	2.30	38.01	100.00 ft	5598.71 ft	44.07 ft	65.56 ft	44.07 ft	0.09/100 ft	79.00 ft	56.09
5700.00 ft	2.59	43.67	100.00 ft	5698.62 ft	47.29 ft	68.36 ft	47.29 ft	0.38/100 ft	83.12 ft	55.33
5800.00 ft	2.27	38.94	100.00 ft	5798.53 ft	50.46 ft	71.16 ft	50.46 ft	0.38/100 ft	87.24 ft	54.66
5900.00 ft	2.58	33.64	100.00 ft	5898.44 ft	53.87 ft	73.65 ft	53.87 ft	0.39/100 ft	91.25 ft	53.82
6000.00 ft	2.80	32.97	100.00 ft	5998.33 ft	57.79 ft	76.23 ft	57.79 ft	0.22/100 ft	95.66 ft	52.83
6100.00 ft	3.09	38.42	100.00 ft	6098.20 ft	61.96 ft	79.23 ft	61.96 ft	0.40/100 ft	100.58 ft	51.98
6200.00 ft	3.30	38.18	100.00 ft	6198.04 ft	66.33 ft	82.69 ft	66.33 ft	0.21/100 ft	106.00 ft	51.26
6300.00 ft	3.32	36.51	100.00 ft	6297.87 ft	70.92 ft	86.19 ft	70.92 ft	0.10/100 ft	111.62 ft	50.55
6400.00 ft	3.90	31.73	100.00 ft	6397.68 ft	76.14 ft	89.70 ft	76.14 ft	0.66/100 ft	117.66 ft	49.67
6500.00 ft	4.41	32.24	100.00 ft	6497.41 ft	82.29 ft	93.54 ft	82.29 ft	0.50/100 ft	124.58 ft	48.66
6600.00 ft	5.23	29.94	100.00 ft	6597.06 ft	89.48 ft	97.86 ft	89.48 ft	0.84/100 ft	132.61 ft	47.56
6700.00 ft	5.00	29.31	100.00 ft	6696.66 ft	97.23 ft	102.27 ft	97.23 ft	0.23/100 ft	141.11 ft	46.45
6800.00 ft	1.34	56.90	100.00 ft	6796.49 ft	101.67 ft	105.39 ft	101.67 ft	3.86/100 ft	146.44 ft	46.03

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