

**SUMMIT**  
OILFIELD SERVICES, INC

Company: Civitas  
Lease/Well: Aristocrat Angus 34-3C  
State/County: Weld/CO  
API#: 05-123-12385

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

Date: 3-14-23  
Job Number: 512312385  
Survey Engineer: Nathan Proffitt  
Instrument Number: GP1-1025

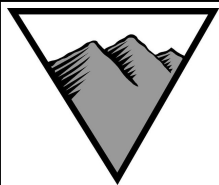
## Summit Oilfield Services

### Aristocrat Angus 34-3C TBG Survey

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

Measured Depth	Indin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Closure Distance	Closure Direction	Dogleg Severity
0.00 ft	0.00	0.00	0.00 ft	0.00 ft	0.00 ft	0.00 ft	0.00 ft	0.00 ft	0.00	0.00/100 ft
100.00 ft	0.16	299.55	100.00 ft	100.00 ft	0.07 ft	0.07 ft	-0.12 ft	0.14 ft	299.55	0.16/100 ft
200.00 ft	0.22	290.83	100.00 ft	200.00 ft	0.21 ft	0.21 ft	-0.42 ft	0.47 ft	295.97	0.07/100 ft
300.00 ft	0.25	299.00	100.00 ft	300.00 ft	0.38 ft	0.38 ft	-0.79 ft	0.88 ft	295.57	0.04/100 ft
400.00 ft	0.33	323.92	100.00 ft	400.00 ft	0.71 ft	0.71 ft	-1.15 ft	1.35 ft	301.86	0.15/100 ft
500.00 ft	0.18	340.72	100.00 ft	500.00 ft	1.09 ft	1.09 ft	-1.37 ft	1.75 ft	308.67	0.16/100 ft
600.00 ft	0.30	302.42	100.00 ft	600.00 ft	1.39 ft	1.39 ft	-1.64 ft	2.15 ft	310.17	0.20/100 ft
700.00 ft	0.30	334.74	100.00 ft	699.99 ft	1.76 ft	1.76 ft	-1.98 ft	2.65 ft	311.72	0.17/100 ft
800.00 ft	0.32	314.35	100.00 ft	799.99 ft	2.19 ft	2.19 ft	-2.29 ft	3.17 ft	313.77	0.11/100 ft
900.00 ft	0.16	294.56	100.00 ft	899.99 ft	2.45 ft	2.45 ft	-2.61 ft	3.58 ft	313.10	0.18/100 ft
1000.00 ft	0.27	342.22	100.00 ft	999.99 ft	2.73 ft	2.73 ft	-2.81 ft	3.92 ft	314.17	0.20/100 ft
1100.00 ft	0.23	293.05	100.00 ft	1099.99 ft	3.04 ft	3.04 ft	-3.07 ft	4.31 ft	314.71	0.21/100 ft
1200.00 ft	0.18	339.26	100.00 ft	1199.99 ft	3.26 ft	3.26 ft	-3.31 ft	4.64 ft	314.61	0.17/100 ft

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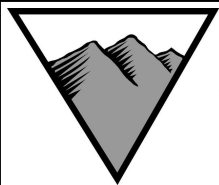
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Rig Name: N/A  
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Date: 3-14-23  
Job Number: 512312385  
Survey Engineer: Nathan Proffitt  
Instrument Number: GP1-1025

Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Closure Distance	Closure Direction	Dogleg Severity
1300.00 ft	0.29	291.71	100.00 ft	1299.99 ft	3.50 ft	3.50 ft	-3.59 ft	5.02 ft	314.25	0.21/100 ft
1400.00 ft	0.26	277.44	100.00 ft	1399.99 ft	3.62 ft	3.62 ft	-4.05 ft	5.43 ft	311.82	0.07/100 ft
1500.00 ft	0.34	298.19	100.00 ft	1499.99 ft	3.79 ft	3.79 ft	-4.53 ft	5.91 ft	309.91	0.13/100 ft
1600.00 ft	0.52	281.42	100.00 ft	1599.98 ft	4.02 ft	4.02 ft	-5.24 ft	6.60 ft	307.51	0.22/100 ft
1700.00 ft	0.55	264.25	100.00 ft	1699.98 ft	4.06 ft	4.06 ft	-6.16 ft	7.38 ft	303.42	0.16/100 ft
1800.00 ft	0.49	249.70	100.00 ft	1799.98 ft	3.87 ft	3.87 ft	-7.03 ft	8.02 ft	298.83	0.14/100 ft
1900.00 ft	0.76	198.81	100.00 ft	1899.97 ft	3.09 ft	3.09 ft	-7.64 ft	8.24 ft	292.04	0.59/100 ft
2000.00 ft	0.76	200.56	100.00 ft	1999.96 ft	1.84 ft	1.84 ft	-8.09 ft	8.29 ft	282.82	0.02/100 ft
2100.00 ft	0.91	206.34	100.00 ft	2099.95 ft	0.50 ft	0.50 ft	-8.68 ft	8.69 ft	273.32	0.17/100 ft
2200.00 ft	0.93	209.85	100.00 ft	2199.94 ft	-0.91 ft	-0.91 ft	-9.43 ft	9.47 ft	264.48	0.06/100 ft
2300.00 ft	1.09	218.93	100.00 ft	2299.92 ft	-2.35 ft	-2.35 ft	-10.43 ft	10.69 ft	257.29	0.23/100 ft
2400.00 ft	1.46	226.84	100.00 ft	2399.90 ft	-3.96 ft	-3.96 ft	-11.96 ft	12.60 ft	251.66	0.41/100 ft
2500.00 ft	1.50	227.07	100.00 ft	2499.86 ft	-5.73 ft	-5.73 ft	-13.85 ft	14.99 ft	247.53	0.04/100 ft
2600.00 ft	1.55	226.52	100.00 ft	2599.83 ft	-7.55 ft	-7.55 ft	-15.79 ft	17.50 ft	244.44	0.05/100 ft
2700.00 ft	1.39	225.14	100.00 ft	2699.80 ft	-9.33 ft	-9.33 ft	-17.63 ft	19.94 ft	242.10	0.17/100 ft
2800.00 ft	1.26	228.36	100.00 ft	2799.77 ft	-10.92 ft	-10.92 ft	-19.31 ft	22.18 ft	240.51	0.14/100 ft
2900.00 ft	1.18	235.20	100.00 ft	2899.75 ft	-12.24 ft	-12.24 ft	-20.98 ft	24.29 ft	239.74	0.17/100 ft
3000.00 ft	0.84	259.98	100.00 ft	2999.73 ft	-12.96 ft	-12.96 ft	-22.55 ft	26.00 ft	240.12	0.55/100 ft
3100.00 ft	0.66	299.75	100.00 ft	3099.72 ft	-12.80 ft	-12.80 ft	-23.77 ft	27.00 ft	241.70	0.54/100 ft
3200.00 ft	0.79	322.63	100.00 ft	3199.72 ft	-11.97 ft	-11.97 ft	-24.68 ft	27.43 ft	244.13	0.31/100 ft
3300.00 ft	1.15	339.65	100.00 ft	3299.70 ft	-10.48 ft	-10.48 ft	-25.45 ft	27.52 ft	247.62	0.46/100 ft

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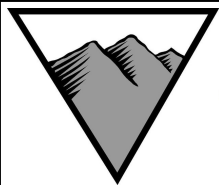
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Rig Name: N/A  
RKB: N/A

Date: 3-14-23  
Job Number: 512312385  
Survey Engineer: Nathan Proffitt  
Instrument Number: GP1-1025

Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Closure Distance	Closure Direction	Dogleg Severity
3400.00 ft	1.38	352.09	100.00 ft	3399.68 ft	-8.35 ft	-8.35 ft	-25.96 ft	27.27 ft	252.17	0.35/100 ft
3500.00 ft	1.39	353.60	100.00 ft	3499.65 ft	-5.95 ft	-5.95 ft	-26.26 ft	26.93 ft	257.23	0.04/100 ft
3600.00 ft	1.60	351.02	100.00 ft	3599.61 ft	-3.37 ft	-3.37 ft	-26.62 ft	26.83 ft	262.79	0.22/100 ft
3700.00 ft	1.63	355.07	100.00 ft	3699.57 ft	-0.57 ft	-0.57 ft	-26.96 ft	26.96 ft	268.78	0.12/100 ft
3800.00 ft	2.05	352.23	100.00 ft	3799.52 ft	2.62 ft	2.62 ft	-27.32 ft	27.45 ft	275.47	0.43/100 ft
3900.00 ft	2.19	351.16	100.00 ft	3899.45 ft	6.28 ft	6.28 ft	-27.86 ft	28.56 ft	282.71	0.15/100 ft
4000.00 ft	2.32	350.19	100.00 ft	3999.38 ft	10.16 ft	10.16 ft	-28.50 ft	30.25 ft	289.63	0.13/100 ft
4100.00 ft	2.37	352.55	100.00 ft	4099.29 ft	14.20 ft	14.20 ft	-29.11 ft	32.39 ft	296.01	0.11/100 ft
4200.00 ft	2.44	359.49	100.00 ft	4199.20 ft	18.38 ft	18.38 ft	-29.40 ft	34.67 ft	302.01	0.30/100 ft
4300.00 ft	1.96	353.98	100.00 ft	4299.13 ft	22.21 ft	22.21 ft	-29.59 ft	37.00 ft	306.89	0.52/100 ft
4400.00 ft	1.76	357.08	100.00 ft	4399.08 ft	25.45 ft	25.45 ft	-29.85 ft	39.23 ft	310.45	0.22/100 ft
4500.00 ft	1.66	353.31	100.00 ft	4499.03 ft	28.43 ft	28.43 ft	-30.10 ft	41.40 ft	313.36	0.15/100 ft
4600.00 ft	1.65	354.14	100.00 ft	4598.99 ft	31.29 ft	31.29 ft	-30.41 ft	43.64 ft	315.82	0.02/100 ft
4700.00 ft	1.46	349.11	100.00 ft	4698.95 ft	33.98 ft	33.98 ft	-30.80 ft	45.86 ft	317.81	0.24/100 ft
4800.00 ft	1.62	348.26	100.00 ft	4798.92 ft	36.61 ft	36.61 ft	-31.33 ft	48.19 ft	319.45	0.16/100 ft
4900.00 ft	1.56	347.00	100.00 ft	4898.88 ft	39.32 ft	39.32 ft	-31.92 ft	50.65 ft	320.93	0.07/100 ft
5000.00 ft	1.62	349.58	100.00 ft	4998.84 ft	42.04 ft	42.04 ft	-32.49 ft	53.13 ft	322.31	0.09/100 ft
5100.00 ft	1.50	349.72	100.00 ft	5098.80 ft	44.72 ft	44.72 ft	-32.98 ft	55.56 ft	323.60	0.12/100 ft
5200.00 ft	1.35	2.01	100.00 ft	5198.77 ft	47.19 ft	47.19 ft	-33.17 ft	57.68 ft	324.90	0.34/100 ft
5300.00 ft	1.28	358.57	100.00 ft	5298.75 ft	49.49 ft	49.49 ft	-33.15 ft	59.57 ft	326.18	0.11/100 ft
5400.00 ft	1.02	2.99	100.00 ft	5398.73 ft	51.49 ft	51.49 ft	-33.14 ft	61.23 ft	327.24	0.28/100 ft

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Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Closure Distance	Closure Direction	Dogleg Severity
5500.00 ft	0.93	357.66	100.00 ft	5498.71 ft	53.19 ft	53.19 ft	-33.12 ft	62.66 ft	328.09	0.12/100 ft
5600.00 ft	1.02	0.71	100.00 ft	5598.70 ft	54.89 ft	54.89 ft	-33.14 ft	64.12 ft	328.88	0.10/100 ft
5700.00 ft	1.03	351.55	100.00 ft	5698.68 ft	56.67 ft	56.67 ft	-33.27 ft	65.71 ft	329.59	0.16/100 ft
5800.00 ft	0.87	352.24	100.00 ft	5798.67 ft	58.31 ft	58.31 ft	-33.50 ft	67.25 ft	330.12	0.16/100 ft
5900.00 ft	0.81	356.21	100.00 ft	5898.66 ft	59.77 ft	59.77 ft	-33.65 ft	68.59 ft	330.62	0.08/100 ft
6000.00 ft	0.79	345.95	100.00 ft	5998.65 ft	61.14 ft	61.14 ft	-33.86 ft	69.90 ft	331.02	0.14/100 ft
6100.00 ft	0.66	346.88	100.00 ft	6098.64 ft	62.38 ft	62.38 ft	-34.16 ft	71.12 ft	331.29	0.13/100 ft
6200.00 ft	0.46	359.45	100.00 ft	6198.64 ft	63.34 ft	63.34 ft	-34.30 ft	72.03 ft	331.57	0.24/100 ft
6300.00 ft	0.37	11.20	100.00 ft	6298.63 ft	64.06 ft	64.06 ft	-34.24 ft	72.63 ft	331.88	0.12/100 ft
6400.00 ft	0.27	18.22	100.00 ft	6398.63 ft	64.60 ft	64.60 ft	-34.10 ft	73.05 ft	332.17	0.11/100 ft
6500.00 ft	0.16	0.72	100.00 ft	6498.63 ft	64.96 ft	64.96 ft	-34.03 ft	73.33 ft	332.35	0.12/100 ft
6600.00 ft	0.10	83.00	100.00 ft	6598.63 ft	65.11 ft	65.11 ft	-33.94 ft	73.43 ft	332.47	0.18/100 ft
6700.00 ft	0.21	137.27	100.00 ft	6698.63 ft	64.99 ft	64.99 ft	-33.72 ft	73.22 ft	332.58	0.17/100 ft
6800.00 ft	0.33	130.06	100.00 ft	6798.63 ft	64.67 ft	64.67 ft	-33.37 ft	72.77 ft	332.70	0.13/100 ft
6900.00 ft	0.33	162.16	100.00 ft	6898.63 ft	64.20 ft	64.20 ft	-33.06 ft	72.21 ft	332.75	0.18/100 ft
7000.00 ft	0.55	163.22	100.00 ft	6998.62 ft	63.47 ft	63.47 ft	-32.83 ft	71.46 ft	332.64	0.21/100 ft

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