

**SUMMIT**  
OILFIELD SERVICES, INC

Company: Civitas  
Lease/Well: Moser C Unit 1  
State/County: CO/Weld  
API#: 05-123-10488

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

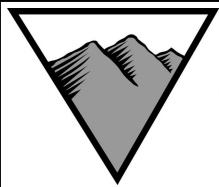
Date: 2/18/2023  
Job Number: 14283-512310488  
Survey Engineer: Shon Lane  
Instrument Number: GP1-1025

## Summit Oilfield Services

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

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	0.06	307.26	100.00 ft	100.00 ft	0.03 ft	0.03 ft	-0.04 ft	0.06 ft	307.26	0.06/100 ft
200.00 ft	0.15	53.05	100.00 ft	200.00 ft	0.15 ft	0.15 ft	0.02 ft	0.15 ft	7.18	0.18/100 ft
300.00 ft	0.21	65.18	100.00 ft	300.00 ft	0.30 ft	0.30 ft	0.29 ft	0.42 ft	43.61	0.07/100 ft
400.00 ft	0.22	91.54	100.00 ft	400.00 ft	0.37 ft	0.37 ft	0.65 ft	0.75 ft	60.00	0.10/100 ft
500.00 ft	0.08	349.25	100.00 ft	500.00 ft	0.43 ft	0.43 ft	0.83 ft	0.93 ft	62.33	0.25/100 ft
600.00 ft	0.18	32.28	100.00 ft	600.00 ft	0.63 ft	0.63 ft	0.90 ft	1.10 ft	54.90	0.13/100 ft
700.00 ft	0.19	336.64	100.00 ft	700.00 ft	0.91 ft	0.91 ft	0.92 ft	1.29 ft	45.11	0.17/100 ft
800.00 ft	0.22	15.28	100.00 ft	800.00 ft	1.24 ft	1.24 ft	0.90 ft	1.54 ft	35.88	0.14/100 ft
900.00 ft	0.12	23.93	100.00 ft	900.00 ft	1.52 ft	1.52 ft	0.99 ft	1.82 ft	33.10	0.10/100 ft
1000.00 ft	0.07	352.97	100.00 ft	1000.00 ft	1.67 ft	1.67 ft	1.03 ft	1.96 ft	31.52	0.07/100 ft
1100.00 ft	0.06	122.08	100.00 ft	1100.00 ft	1.71 ft	1.71 ft	1.06 ft	2.01 ft	31.88	0.11/100 ft
1200.00 ft	0.20	176.54	100.00 ft	1200.00 ft	1.51 ft	1.51 ft	1.11 ft	1.88 ft	36.41	0.17/100 ft

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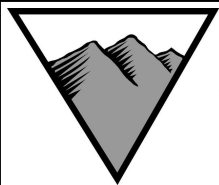
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Rig Name: N/A  
RKB: N/A

Date: 2/18/2023  
Job Number: 14283-512310488  
Survey Engineer: Shon Lane  
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	0.17	206.10	100.00 ft	1300.00 ft	1.21 ft	1.21 ft	1.06 ft	1.61 ft	41.28	0.10/100 ft
1400.00 ft	0.14	173.06	100.00 ft	1400.00 ft	0.95 ft	0.95 ft	1.01 ft	1.39 ft	46.64	0.09/100 ft
1500.00 ft	0.25	199.78	100.00 ft	1499.99 ft	0.63 ft	0.63 ft	0.95 ft	1.14 ft	56.65	0.14/100 ft
1600.00 ft	0.12	186.14	100.00 ft	1599.99 ft	0.32 ft	0.32 ft	0.87 ft	0.92 ft	69.88	0.14/100 ft
1700.00 ft	0.28	181.52	100.00 ft	1699.99 ft	-0.03 ft	-0.03 ft	0.85 ft	0.85 ft	92.20	0.17/100 ft
1800.00 ft	0.13	179.18	100.00 ft	1799.99 ft	-0.40 ft	-0.40 ft	0.84 ft	0.93 ft	115.24	0.15/100 ft
1900.00 ft	0.26	201.97	100.00 ft	1899.99 ft	-0.72 ft	-0.72 ft	0.76 ft	1.05 ft	133.48	0.14/100 ft
2000.00 ft	0.29	222.75	100.00 ft	1999.99 ft	-1.12 ft	-1.12 ft	0.50 ft	1.23 ft	155.75	0.11/100 ft
2100.00 ft	0.53	247.75	100.00 ft	2099.99 ft	-1.48 ft	-1.48 ft	-0.10 ft	1.49 ft	183.89	0.29/100 ft
2200.00 ft	0.59	253.00	100.00 ft	2199.98 ft	-1.81 ft	-1.81 ft	-1.02 ft	2.08 ft	209.48	0.08/100 ft
2300.00 ft	0.50	267.05	100.00 ft	2299.98 ft	-1.98 ft	-1.98 ft	-1.95 ft	2.78 ft	224.55	0.16/100 ft
2400.00 ft	0.65	259.65	100.00 ft	2399.97 ft	-2.11 ft	-2.11 ft	-2.94 ft	3.62 ft	234.43	0.17/100 ft
2500.00 ft	0.54	277.68	100.00 ft	2499.97 ft	-2.14 ft	-2.14 ft	-3.97 ft	4.51 ft	241.61	0.22/100 ft
2600.00 ft	0.48	291.51	100.00 ft	2599.97 ft	-1.93 ft	-1.93 ft	-4.82 ft	5.19 ft	248.20	0.14/100 ft
2700.00 ft	0.49	325.64	100.00 ft	2699.96 ft	-1.42 ft	-1.42 ft	-5.45 ft	5.64 ft	255.38	0.28/100 ft
2800.00 ft	0.49	351.86	100.00 ft	2799.96 ft	-0.65 ft	-0.65 ft	-5.75 ft	5.79 ft	263.57	0.22/100 ft
2900.00 ft	0.57	3.94	100.00 ft	2899.95 ft	0.27 ft	0.27 ft	-5.78 ft	5.79 ft	272.64	0.14/100 ft
3000.00 ft	0.63	352.05	100.00 ft	2999.95 ft	1.30 ft	1.30 ft	-5.82 ft	5.97 ft	282.63	0.14/100 ft
3100.00 ft	0.46	2.87	100.00 ft	3099.94 ft	2.25 ft	2.25 ft	-5.88 ft	6.30 ft	290.97	0.19/100 ft
3200.00 ft	0.45	340.88	100.00 ft	3199.94 ft	3.03 ft	3.03 ft	-5.99 ft	6.71 ft	296.82	0.17/100 ft
3300.00 ft	0.47	340.49	100.00 ft	3299.94 ft	3.78 ft	3.78 ft	-6.25 ft	7.30 ft	301.16	0.02/100 ft

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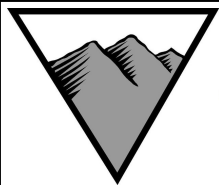
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North Reference: True  
Rig Name: N/A  
RKB: N/A

Date: 2/18/2023  
Job Number: 14283-512310488  
Survey Engineer: Shon Lane  
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	0.34	333.21	100.00 ft	3399.94 ft	4.42 ft	4.42 ft	-6.52 ft	7.88 ft	304.17	0.14/100 ft
3500.00 ft	0.30	315.54	100.00 ft	3499.93 ft	4.87 ft	4.87 ft	-6.83 ft	8.39 ft	305.50	0.10/100 ft
3600.00 ft	0.30	310.85	100.00 ft	3599.93 ft	5.24 ft	5.24 ft	-7.22 ft	8.92 ft	305.95	0.02/100 ft
3700.00 ft	0.35	290.87	100.00 ft	3699.93 ft	5.52 ft	5.52 ft	-7.70 ft	9.48 ft	305.61	0.12/100 ft
3800.00 ft	0.42	283.19	100.00 ft	3799.93 ft	5.71 ft	5.71 ft	-8.35 ft	10.11 ft	304.37	0.09/100 ft
3900.00 ft	0.59	260.05	100.00 ft	3899.92 ft	5.71 ft	5.71 ft	-9.21 ft	10.84 ft	301.77	0.26/100 ft
4000.00 ft	0.70	244.74	100.00 ft	3999.92 ft	5.35 ft	5.35 ft	-10.27 ft	11.59 ft	297.53	0.21/100 ft
4100.00 ft	0.71	228.76	100.00 ft	4099.91 ft	4.68 ft	4.68 ft	-11.29 ft	12.23 ft	292.53	0.20/100 ft
4200.00 ft	0.79	227.16	100.00 ft	4199.90 ft	3.81 ft	3.81 ft	-12.27 ft	12.84 ft	287.23	0.09/100 ft
4300.00 ft	0.84	239.06	100.00 ft	4299.89 ft	2.96 ft	2.96 ft	-13.40 ft	13.72 ft	282.45	0.17/100 ft
4400.00 ft	1.06	234.38	100.00 ft	4399.88 ft	2.04 ft	2.04 ft	-14.78 ft	14.92 ft	277.87	0.24/100 ft
4500.00 ft	0.96	228.07	100.00 ft	4499.86 ft	0.94 ft	0.94 ft	-16.16 ft	16.19 ft	273.33	0.15/100 ft
4600.00 ft	0.77	254.01	100.00 ft	4599.85 ft	0.20 ft	0.20 ft	-17.43 ft	17.43 ft	270.64	0.43/100 ft
4700.00 ft	0.80	243.19	100.00 ft	4699.84 ft	-0.31 ft	-0.31 ft	-18.71 ft	18.71 ft	269.06	0.15/100 ft
4800.00 ft	0.83	263.70	100.00 ft	4799.83 ft	-0.70 ft	-0.70 ft	-20.05 ft	20.07 ft	268.00	0.29/100 ft
4900.00 ft	0.83	247.17	100.00 ft	4899.82 ft	-1.06 ft	-1.06 ft	-21.44 ft	21.47 ft	267.16	0.24/100 ft
5000.00 ft	1.00	258.84	100.00 ft	4999.81 ft	-1.51 ft	-1.51 ft	-22.97 ft	23.02 ft	266.23	0.25/100 ft
5100.00 ft	0.91	282.06	100.00 ft	5099.80 ft	-1.51 ft	-1.51 ft	-24.60 ft	24.65 ft	266.48	0.39/100 ft
5200.00 ft	0.74	296.82	100.00 ft	5199.79 ft	-1.06 ft	-1.06 ft	-25.96 ft	25.98 ft	267.67	0.27/100 ft
5300.00 ft	0.82	301.75	100.00 ft	5299.78 ft	-0.38 ft	-0.38 ft	-27.15 ft	27.15 ft	269.19	0.11/100 ft
5400.00 ft	0.95	329.50	100.00 ft	5399.76 ft	0.71 ft	0.71 ft	-28.18 ft	28.19 ft	271.44	0.44/100 ft

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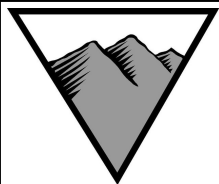
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Date: 2/18/2023  
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Survey Engineer: Shon Lane  
Instrument Number: GP1-1025

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5500.00 ft	1.04	337.58	100.00 ft	5499.75 ft	2.26 ft	2.26 ft	-28.95 ft	29.03 ft	274.47	0.17/100 ft
5600.00 ft	1.13	338.86	100.00 ft	5599.73 ft	4.02 ft	4.02 ft	-29.65 ft	29.92 ft	277.72	0.09/100 ft
5700.00 ft	1.16	346.22	100.00 ft	5699.71 ft	5.92 ft	5.92 ft	-30.24 ft	30.82 ft	281.08	0.15/100 ft
5800.00 ft	0.98	348.49	100.00 ft	5799.69 ft	7.75 ft	7.75 ft	-30.66 ft	31.62 ft	284.19	0.19/100 ft
5900.00 ft	1.02	345.14	100.00 ft	5899.68 ft	9.45 ft	9.45 ft	-31.06 ft	32.46 ft	286.93	0.07/100 ft
6000.00 ft	1.06	343.97	100.00 ft	5999.66 ft	11.21 ft	11.21 ft	-31.54 ft	33.47 ft	289.56	0.04/100 ft
6100.00 ft	1.09	349.57	100.00 ft	6099.64 ft	13.03 ft	13.03 ft	-31.97 ft	34.52 ft	292.17	0.11/100 ft
6200.00 ft	0.83	343.04	100.00 ft	6199.63 ft	14.66 ft	14.66 ft	-32.35 ft	35.52 ft	294.37	0.28/100 ft
6300.00 ft	0.70	334.09	100.00 ft	6299.62 ft	15.91 ft	15.91 ft	-32.83 ft	36.48 ft	295.85	0.18/100 ft
6400.00 ft	0.73	329.82	100.00 ft	6399.61 ft	17.01 ft	17.01 ft	-33.42 ft	37.50 ft	296.97	0.06/100 ft
6500.00 ft	0.69	315.27	100.00 ft	6499.61 ft	17.99 ft	17.99 ft	-34.17 ft	38.61 ft	297.77	0.18/100 ft
6600.00 ft	0.63	308.23	100.00 ft	6599.60 ft	18.76 ft	18.76 ft	-35.02 ft	39.73 ft	298.17	0.10/100 ft
6700.00 ft	0.61	304.43	100.00 ft	6699.59 ft	19.40 ft	19.40 ft	-35.89 ft	40.80 ft	298.39	0.05/100 ft
6800.00 ft	0.61	312.50	100.00 ft	6799.59 ft	20.06 ft	20.06 ft	-36.73 ft	41.85 ft	298.64	0.09/100 ft
6900.00 ft	0.65	285.01	100.00 ft	6899.58 ft	20.57 ft	20.57 ft	-37.67 ft	42.92 ft	298.64	0.30/100 ft
7000.00 ft	0.86	278.93	100.00 ft	6999.57 ft	20.83 ft	20.83 ft	-38.95 ft	44.17 ft	298.13	0.23/100 ft
7100.00 ft	0.94	264.59	100.00 ft	7099.56 ft	20.87 ft	20.87 ft	-40.51 ft	45.57 ft	297.26	0.24/100 ft
7200.00 ft	1.02	261.70	100.00 ft	7199.55 ft	20.66 ft	20.66 ft	-42.21 ft	47.00 ft	296.08	0.10/100 ft
7300.00 ft	1.30	265.35	100.00 ft	7299.53 ft	20.44 ft	20.44 ft	-44.22 ft	48.72 ft	294.81	0.28/100 ft
7400.00 ft	1.22	257.21	100.00 ft	7399.50 ft	20.11 ft	20.11 ft	-46.39 ft	50.56 ft	293.44	0.19/100 ft
7500.00 ft	0.83	260.81	100.00 ft	7499.49 ft	19.76 ft	19.76 ft	-48.14 ft	52.04 ft	292.32	0.40/100 ft

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7600.00 ft	0.57	269.15	100.00 ft	7599.48 ft	19.64 ft	19.64 ft	-49.35 ft	53.12 ft	291.70	0.28/100 ft
7700.00 ft	0.53	301.69	100.00 ft	7699.47 ft	19.88 ft	19.88 ft	-50.24 ft	54.03 ft	291.59	0.31/100 ft

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