

**SUMMIT**  
OILFIELD SERVICES, INC

Company: Civitas  
Lease/Well: Jillson 1-22  
County/State: Weld/CO  
API#: 05-123-15313

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

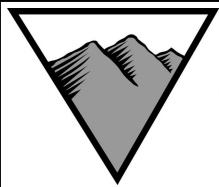
Date: 11/27/2024  
Job Number: 16619-512315313  
Survey Engineer: Mark Loar  
Instrument Number: GP1-1038

## Summit OilField Services

Jillson 1-22

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

Measured Depth	Indin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00/100 ft	0.00	0.00
100.00	0.32	260.61	100.00	100.00	-0.04	-0.04	-0.27	0.32/100 ft	0.28	260.61
200.00	0.20	237.55	100.00	200.00	-0.18	-0.18	-0.69	0.15/100 ft	0.71	255.10
300.00	0.17	350.18	100.00	300.00	-0.13	-0.13	-0.86	0.31/100 ft	0.87	261.15
400.00	0.33	343.32	100.00	400.00	0.28	0.28	-0.97	0.16/100 ft	1.01	286.28
500.00	0.62	334.16	100.00	499.99	1.04	1.04	-1.29	0.30/100 ft	1.66	309.02
600.00	0.55	302.52	100.00	599.99	1.79	1.79	-1.92	0.33/100 ft	2.63	312.86
700.00	0.72	327.05	100.00	699.98	2.57	2.57	-2.67	0.32/100 ft	3.71	313.93
800.00	0.85	320.43	100.00	799.97	3.68	3.68	-3.49	0.16/100 ft	5.07	316.51
900.00	0.83	327.09	100.00	899.96	4.86	4.86	-4.36	0.10/100 ft	6.53	318.12
1000.00	1.04	308.74	100.00	999.95	6.04	6.04	-5.46	0.36/100 ft	8.14	317.88
1100.00	0.90	295.53	100.00	1099.94	6.95	6.95	-6.88	0.26/100 ft	9.77	315.28
1200.00	0.82	311.38	100.00	1199.92	7.76	7.76	-8.12	0.25/100 ft	11.23	313.67
1300.00	1.21	307.26	100.00	1299.91	8.87	8.87	-9.50	0.39/100 ft	12.99	313.03
1400.00	1.25	290.28	100.00	1399.89	9.88	9.88	-11.36	0.36/100 ft	15.05	311.03



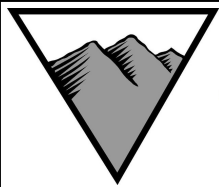
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Rig Name: N/A  
RKB: N/A

Date: 11/27/2024  
Job Number: 16619-512315313  
Survey Engineer: Mark Loar  
Instrument Number: GP1-1038

Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction
1500.00	1.19	300.40	100.00	1499.86	10.78	10.78	-13.27	0.22/100 ft	17.10	309.09
1600.00	1.56	295.94	100.00	1599.83	11.91	11.91	-15.40	0.39/100 ft	19.46	307.72
1700.00	1.43	290.04	100.00	1699.80	12.93	12.93	-17.80	0.20/100 ft	22.00	306.00
1800.00	1.60	302.55	100.00	1799.77	14.11	14.11	-20.15	0.37/100 ft	24.60	305.01
1900.00	1.65	291.00	100.00	1899.73	15.38	15.38	-22.66	0.33/100 ft	27.39	304.16
2000.00	1.51	300.60	100.00	1999.69	16.56	16.56	-25.14	0.30/100 ft	30.11	303.38
2100.00	1.68	302.16	100.00	2099.65	18.01	18.01	-27.51	0.17/100 ft	32.88	303.21
2200.00	1.08	316.04	100.00	2199.62	19.47	19.47	-29.40	0.68/100 ft	35.26	303.51
2300.00	1.30	320.18	100.00	2299.60	21.02	21.02	-30.78	0.24/100 ft	37.27	304.32
2400.00	1.01	314.11	100.00	2399.58	22.50	22.50	-32.14	0.32/100 ft	39.24	304.99
2500.00	1.16	326.84	100.00	2499.56	23.96	23.96	-33.33	0.28/100 ft	41.05	305.71
2600.00	1.20	312.98	100.00	2599.54	25.52	25.52	-34.64	0.29/100 ft	43.03	306.38
2700.00	1.02	325.91	100.00	2699.52	26.96	26.96	-35.90	0.31/100 ft	44.90	306.91
2800.00	1.32	319.71	100.00	2799.50	28.57	28.57	-37.14	0.33/100 ft	46.86	307.57
2900.00	1.04	315.21	100.00	2899.48	30.10	30.10	-38.53	0.29/100 ft	48.89	308.00
3000.00	1.32	322.92	100.00	2999.46	31.66	31.66	-39.87	0.32/100 ft	50.91	308.46
3100.00	1.33	309.94	100.00	3099.43	33.33	33.33	-41.45	0.30/100 ft	53.19	308.80
3200.00	1.15	318.22	100.00	3199.41	34.82	34.82	-43.00	0.25/100 ft	55.33	309.00
3300.00	1.39	316.05	100.00	3299.38	36.44	36.44	-44.51	0.25/100 ft	57.53	309.30
3400.00	1.16	305.02	100.00	3399.36	37.90	37.90	-46.19	0.34/100 ft	59.75	309.37
3500.00	1.08	326.39	100.00	3499.34	39.26	39.26	-47.54	0.42/100 ft	61.66	309.55
3600.00	1.11	321.61	100.00	3599.32	40.81	40.81	-48.67	0.10/100 ft	63.51	309.98
3700.00	0.51	330.30	100.00	3699.31	41.96	41.96	-49.49	0.61/100 ft	64.89	310.29



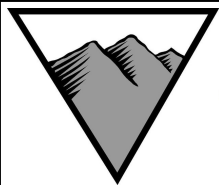
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Date: 11/27/2024  
Job Number: 16619-512315313  
Survey Engineer: Mark Loar  
Instrument Number: GP1-1038

Measured Depth	Inclin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction
3800.00	0.70	345.13	100.00	3799.30	42.94	42.94	-49.87	0.24/100 ft	65.81	310.73
3900.00	0.67	316.98	100.00	3899.30	43.95	43.95	-50.42	0.33/100 ft	66.89	311.08
4000.00	0.42	307.18	100.00	3999.29	44.60	44.60	-51.11	0.27/100 ft	67.83	311.11
4100.00	0.65	319.78	100.00	4099.29	45.25	45.25	-51.77	0.26/100 ft	68.76	311.16
4200.00	0.40	318.47	100.00	4199.28	45.95	45.95	-52.37	0.25/100 ft	69.67	311.26
4300.00	0.38	13.67	100.00	4299.28	46.53	46.53	-52.52	0.36/100 ft	70.17	311.54
4400.00	0.50	346.29	100.00	4399.28	47.27	47.27	-52.55	0.24/100 ft	70.68	311.98
4500.00	0.41	306.13	100.00	4499.28	47.91	47.91	-52.94	0.33/100 ft	71.40	312.15
4600.00	0.47	318.43	100.00	4599.27	48.43	48.43	-53.50	0.11/100 ft	72.17	312.15
4700.00	0.92	308.43	100.00	4699.27	49.24	49.24	-54.40	0.46/100 ft	73.38	312.15
4800.00	0.86	297.81	100.00	4799.25	50.09	50.09	-55.70	0.18/100 ft	74.90	311.96
4900.00	0.80	318.55	100.00	4899.24	50.96	50.96	-56.82	0.30/100 ft	76.33	311.89
5000.00	1.00	316.29	100.00	4999.23	52.11	52.11	-57.89	0.20/100 ft	77.89	312.00
5100.00	0.85	313.83	100.00	5099.22	53.26	53.26	-59.02	0.15/100 ft	79.50	312.06
5200.00	0.87	327.75	100.00	5199.21	54.41	54.41	-59.97	0.21/100 ft	80.97	312.22
5300.00	1.07	324.56	100.00	5299.19	55.82	55.82	-60.91	0.20/100 ft	82.62	312.50
5400.00	0.80	326.26	100.00	5399.18	57.15	57.15	-61.84	0.27/100 ft	84.20	312.75
5500.00	0.84	351.73	100.00	5499.17	58.45	58.45	-62.33	0.36/100 ft	85.45	313.16
5600.00	0.95	340.70	100.00	5599.16	59.96	59.96	-62.71	0.21/100 ft	86.76	313.72
5700.00	1.02	358.23	100.00	5699.14	61.64	61.64	-63.01	0.31/100 ft	88.15	314.37
5800.00	1.46	7.90	100.00	5799.12	63.79	63.79	-62.86	0.48/100 ft	89.56	315.42
5900.00	1.72	14.04	100.00	5899.08	66.50	66.50	-62.33	0.31/100 ft	91.14	316.86
6000.00	1.69	26.54	100.00	5999.04	69.28	69.28	-61.30	0.37/100 ft	92.50	318.49



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6100.00	2.02	24.42	100.00	6098.99	72.20	72.20	-59.92	0.33/100 ft	93.82	320.31
6200.00	1.82	29.62	100.00	6198.93	75.18	75.18	-58.40	0.26/100 ft	95.20	322.16
6300.00	1.79	50.02	100.00	6298.88	77.56	77.56	-56.42	0.64/100 ft	95.91	323.97
6400.00	1.67	50.61	100.00	6398.83	79.49	79.49	-54.09	0.13/100 ft	96.15	325.77
6500.00	1.70	57.05	100.00	6498.79	81.22	81.22	-51.73	0.19/100 ft	96.30	327.51
6600.00	1.83	42.44	100.00	6598.75	83.21	83.21	-49.41	0.47/100 ft	96.77	329.30
6700.00	1.73	47.81	100.00	6698.70	85.40	85.40	-47.21	0.19/100 ft	97.58	331.06
6800.00	1.84	41.54	100.00	6798.65	87.62	87.62	-45.03	0.22/100 ft	98.51	332.80
6900.00	1.57	38.50	100.00	6898.60	89.89	89.89	-43.11	0.29/100 ft	99.69	334.38
7000.00	1.59	25.26	100.00	6998.57	92.22	92.22	-41.66	0.37/100 ft	101.20	335.69
7100.00	1.36	37.16	100.00	7098.53	94.43	94.43	-40.35	0.38/100 ft	102.69	336.86
7200.00	1.61	30.78	100.00	7198.50	96.58	96.58	-38.91	0.30/100 ft	104.13	338.06
7300.00	1.40	42.77	100.00	7298.46	98.69	98.69	-37.36	0.38/100 ft	105.52	339.26
7400.00	1.32	38.02	100.00	7398.44	100.49	100.49	-35.82	0.14/100 ft	106.69	340.38
7500.00	1.25	39.10	100.00	7498.41	102.25	102.25	-34.42	0.07/100 ft	107.89	341.39
7600.00	1.39	50.69	100.00	7598.39	103.87	103.87	-32.79	0.30/100 ft	108.92	342.48
7700.00	0.85	56.98	100.00	7698.37	105.04	105.04	-31.24	0.56/100 ft	109.58	343.44
7800.00	0.69	62.74	100.00	7798.36	105.71	105.71	-30.09	0.18/100 ft	109.91	344.11