

SUMMIT
OILFIELD SERVICES, INC

Company: Civitas
Lease/Well: Dechant 1-19
County/State: Weld/CO
API#: 05-123-13267

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

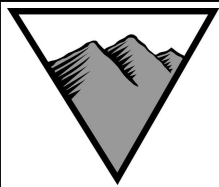
Date: 11/26/2024
Job Number: 16618-512313267
Survey Engineer: Mark Loar
Instrument Number: GP1-1038

Summit OilField Services

Dechant 1-19

*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	0.34	12.28	100.00	100.00	0.29	0.29	0.06	0.34/100 ft	0.30	12.28
200.00	0.29	2.42	100.00	200.00	0.83	0.83	0.14	0.07/100 ft	0.84	9.34
300.00	0.59	352.18	100.00	299.99	1.59	1.59	0.08	0.31/100 ft	1.60	2.80
400.00	0.39	66.08	100.00	399.99	2.24	2.24	0.32	0.61/100 ft	2.26	8.13
500.00	0.68	327.01	100.00	499.99	2.87	2.87	0.31	0.84/100 ft	2.89	6.14
600.00	0.78	332.70	100.00	599.98	3.98	3.98	-0.33	0.12/100 ft	3.99	355.32
700.00	0.65	333.63	100.00	699.97	5.09	5.09	-0.89	0.13/100 ft	5.17	350.07
800.00	0.76	330.86	100.00	799.97	6.18	6.18	-1.47	0.11/100 ft	6.35	346.65
900.00	0.73	337.85	100.00	899.96	7.34	7.34	-2.03	0.09/100 ft	7.62	344.57
1000.00	0.74	309.68	100.00	999.95	8.34	8.34	-2.76	0.36/100 ft	8.79	341.69
1100.00	0.25	278.46	100.00	1099.95	8.78	8.78	-3.47	0.54/100 ft	9.44	338.45
1200.00	0.44	15.14	100.00	1199.94	9.18	9.18	-3.58	0.53/100 ft	9.86	338.69
1300.00	0.83	338.21	100.00	1299.94	10.23	10.23	-3.75	0.55/100 ft	10.89	339.85
1400.00	0.53	295.90	100.00	1399.93	11.10	11.10	-4.43	0.56/100 ft	11.95	338.23



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Date: 11/26/2024
Job Number: 16618-512313267
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	0.50	30.37	100.00	1499.93	11.67	11.67	-4.63	0.75/100 ft	12.56	338.37
1600.00	0.85	337.97	100.00	1599.92	12.74	12.74	-4.69	0.68/100 ft	13.57	339.79
1700.00	0.30	314.40	100.00	1699.92	13.60	13.60	-5.15	0.59/100 ft	14.55	339.26
1800.00	0.74	16.48	100.00	1799.91	14.40	14.40	-5.15	0.66/100 ft	15.30	340.32
1900.00	0.63	314.90	100.00	1899.91	15.41	15.41	-5.36	0.71/100 ft	16.31	340.83
2000.00	0.46	19.04	100.00	1999.90	16.18	16.18	-5.61	0.59/100 ft	17.12	340.86
2100.00	0.77	313.34	100.00	2099.90	17.02	17.02	-5.97	0.71/100 ft	18.03	340.67
2200.00	0.30	359.73	100.00	2199.90	17.73	17.73	-6.46	0.60/100 ft	18.87	339.99
2300.00	0.92	287.76	100.00	2299.89	18.24	18.24	-7.22	0.87/100 ft	19.62	338.39
2400.00	0.60	306.02	100.00	2399.88	18.79	18.79	-8.41	0.40/100 ft	20.59	335.89
2500.00	1.19	274.72	100.00	2499.87	19.18	19.18	-9.86	0.75/100 ft	21.57	332.78
2600.00	0.60	282.86	100.00	2599.86	19.38	19.38	-11.41	0.60/100 ft	22.49	329.52
2700.00	1.21	278.58	100.00	2699.84	19.66	19.66	-12.96	0.62/100 ft	23.54	326.60
2800.00	0.64	244.39	100.00	2799.83	19.57	19.57	-14.51	0.77/100 ft	24.36	323.45
2900.00	0.86	305.06	100.00	2899.82	19.76	19.76	-15.63	0.78/100 ft	25.19	321.67
3000.00	0.50	295.54	100.00	2999.82	20.38	20.38	-16.64	0.38/100 ft	26.31	320.78
3100.00	0.89	343.45	100.00	3099.81	21.31	21.31	-17.25	0.66/100 ft	27.42	321.01
3200.00	0.76	308.72	100.00	3199.80	22.47	22.47	-17.99	0.51/100 ft	28.78	321.32
3300.00	0.94	352.81	100.00	3299.79	23.70	23.70	-18.61	0.66/100 ft	30.13	321.86
3400.00	1.07	321.17	100.00	3399.78	25.24	25.24	-19.30	0.56/100 ft	31.77	322.60
3500.00	0.35	330.32	100.00	3499.77	26.23	26.23	-20.03	0.72/100 ft	33.00	322.63
3600.00	0.58	5.35	100.00	3599.76	27.00	27.00	-20.13	0.36/100 ft	33.68	323.29
3700.00	0.72	328.04	100.00	3699.76	28.04	28.04	-20.42	0.44/100 ft	34.69	323.94



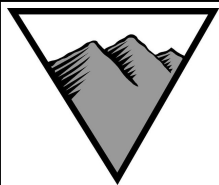
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Rig Name: N/A
RKB: N/A

Date: 11/26/2024
Job Number: 16618-512313267
Survey Engineer: Mark Loar
Instrument Number: GP1-1038

Measured Depth	Indin	Azimuth	Course Length	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction
3800.00	0.18	287.88	100.00	3799.75	28.62	28.62	-20.90	0.59/100 ft	35.44	323.86
3900.00	0.30	50.40	100.00	3899.75	28.84	28.84	-20.85	0.43/100 ft	35.59	324.13
4000.00	0.64	4.95	100.00	3999.75	29.56	29.56	-20.60	0.48/100 ft	36.03	325.13
4100.00	0.55	324.72	100.00	4099.75	30.51	30.51	-20.83	0.42/100 ft	36.94	325.67
4200.00	0.36	285.29	100.00	4199.74	30.98	30.98	-21.41	0.35/100 ft	37.66	325.35
4300.00	0.08	25.88	100.00	4299.74	31.13	31.13	-21.68	0.38/100 ft	37.93	325.15
4400.00	0.37	29.41	100.00	4399.74	31.47	31.47	-21.49	0.28/100 ft	38.11	325.68
4500.00	0.57	13.49	100.00	4499.74	32.24	32.24	-21.21	0.24/100 ft	38.59	326.65
4600.00	0.63	8.11	100.00	4599.73	33.27	33.27	-21.02	0.08/100 ft	39.35	327.71
4700.00	0.55	351.92	100.00	4699.73	34.29	34.29	-21.01	0.18/100 ft	40.21	328.50
4800.00	0.63	14.63	100.00	4799.72	35.30	35.30	-20.94	0.24/100 ft	41.04	329.32
4900.00	0.79	20.06	100.00	4899.71	36.47	36.47	-20.56	0.18/100 ft	41.87	330.59
5000.00	1.13	34.94	100.00	4999.70	37.93	37.93	-19.76	0.42/100 ft	42.77	332.48
5100.00	1.08	34.55	100.00	5099.68	39.52	39.52	-18.66	0.05/100 ft	43.70	334.72
5200.00	0.92	21.11	100.00	5199.67	41.04	41.04	-17.84	0.28/100 ft	44.75	336.51
5300.00	0.59	2.45	100.00	5299.66	42.30	42.30	-17.53	0.41/100 ft	45.79	337.49
5400.00	0.60	358.23	100.00	5399.65	43.34	43.34	-17.52	0.05/100 ft	46.75	337.99
5500.00	0.76	340.47	100.00	5499.65	44.49	44.49	-17.76	0.26/100 ft	47.90	338.24
5600.00	0.75	328.96	100.00	5599.64	45.67	45.67	-18.32	0.15/100 ft	49.21	338.15
5700.00	0.67	331.65	100.00	5699.63	46.75	46.75	-18.93	0.08/100 ft	50.44	337.95
5800.00	0.55	335.95	100.00	5799.62	47.70	47.70	-19.41	0.14/100 ft	51.50	337.86
5900.00	0.54	321.79	100.00	5899.62	48.51	48.51	-19.89	0.13/100 ft	52.43	337.70
6000.00	0.35	306.35	100.00	5999.62	49.05	49.05	-20.42	0.22/100 ft	53.14	337.39



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6100.00	0.48	303.96	100.00	6099.61	49.47	49.47	-21.01	0.13/100 ft	53.74	336.98
6200.00	0.22	344.49	100.00	6199.61	49.89	49.89	-21.41	0.34/100 ft	54.29	336.77
6300.00	0.69	9.84	100.00	6299.61	50.66	50.66	-21.36	0.49/100 ft	54.98	337.14
6400.00	0.62	326.38	100.00	6399.60	51.71	51.71	-21.56	0.49/100 ft	56.02	337.37
6500.00	0.74	333.95	100.00	6499.60	52.74	52.74	-22.14	0.15/100 ft	57.20	337.23
6600.00	0.75	339.23	100.00	6599.59	53.93	53.93	-22.66	0.07/100 ft	58.50	337.21
6700.00	0.89	344.63	100.00	6699.58	55.29	55.29	-23.09	0.16/100 ft	59.92	337.33
6800.00	0.64	351.77	100.00	6799.57	56.59	56.59	-23.38	0.27/100 ft	61.23	337.55
6900.00	0.99	18.79	100.00	6899.56	57.97	57.97	-23.18	0.51/100 ft	62.43	338.20
7000.00	1.23	13.96	100.00	6999.54	59.83	59.83	-22.64	0.26/100 ft	63.97	339.27
7100.00	1.94	38.49	100.00	7099.50	62.20	62.20	-21.33	0.96/100 ft	65.75	341.07