

TEKACO

Denver Region Estimate: 695015

VGWU #59 H

SURIC 990/W & 1880/W 36-17-3

BHL: B - 343 W & 2274/E

D - 999/W & 1142/W

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SURVEY REPORT

Proprietary Information of Texaco Inc.



Lateral: 0

Proposed Direction: 60

Dog Leg Severity per: 100 feet

Measured Depth	Inclination	Azimuth	True Vertical Depth	North/South Coordinate	East/West Coordinate	Vertical Section	Dog Leg Severity	Survey Tool
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100	0.17	176.18	100.00	-0.15	0.01	-0.07	0.17	
200	0.18	177.53	200.00	-0.45	0.03	-0.20	0.01	
300	0.23	255.59	300.00	-0.66	-0.16	-0.47	0.26	
400	0.30	255.20	400.00	-0.78	-0.61	-0.92	0.07	
500	0.30	245.47	500.00	-0.95	-1.10	-1.43	0.05	
600	0.42	241.53	599.99	-1.24	-1.66	-2.06	0.12	
700	1.08	243.78	699.99	-1.83	-2.83	-3.36	0.66	
800	1.72	251.51	799.96	-2.72	-5.10	-5.77	0.67	
900	2.55	259.05	899.88	-3.62	-8.70	-9.35	0.87	
1000	2.84	263.02	999.77	-4.34	-13.35	-13.73	0.34	
1100	2.84	267.93	1099.65	-4.73	-18.28	-18.20	0.24	
1200	2.61	269.63	1199.54	-4.84	-23.03	-22.37	0.24	
1300	2.07	272.51	1299.45	-4.77	-27.12	-25.87	0.55	
1400	1.63	284.72	1399.40	-4.33	-30.30	-28.40	0.59	
1500	1.54	294.51	1499.36	-3.41	-32.89	-30.19	0.28	
1600	1.23	310.87	1599.34	-2.15	-34.93	-31.32	0.50	
1700	1.10	307.81	1699.32	-0.86	-36.50	-32.04	0.14	
1800	1.12	310.05	1799.30	0.36	-38.00	-32.73	0.05	
1900	0.96	317.41	1899.28	1.60	-39.32	-33.25	0.21	
2000	0.79	333.25	1999.27	2.83	-40.20	-33.39	0.29	
2100	0.43	351.40	2099.26	3.82	-40.56	-33.22	0.40	
2200	0.33	11.82	2199.26	4.47	-40.56	-32.89	0.17	
2300	0.26	20.75	2299.26	4.97	-40.42	-32.52	0.08	
2400	0.36	24.20	2399.26	5.47	-40.21	-32.09	0.10	
2500	0.68	38.67	2499.25	6.22	-39.71	-31.28	0.34	
2600	0.93	48.43	2599.24	7.22	-38.73	-29.94	0.28	
2700	1.08	53.16	2699.23	8.32	-37.37	-28.21	0.17	
2800	1.37	65.20	2799.21	9.39	-35.53	-26.08	0.39	
2900	1.26	80.93	2899.18	10.06	-33.36	-23.86	0.38	
3000	1.18	89.10	2999.16	10.25	-31.25	-21.93	0.19	
3100	1.20	93.92	3099.14	10.20	-29.17	-20.17	0.10	
3200	1.28	98.71	3199.11	9.96	-27.02	-18.43	0.13	
3300	1.20	102.72	3299.09	9.56	-24.90	-16.79	0.12	
3400	1.08	113.59	3399.07	8.95	-23.01	-15.46	0.25	
3500	1.05	125.70	3499.05	8.04	-21.41	-14.52	0.23	
3600	1.11	136.04	3599.03	6.80	-19.99	-13.91	0.20	
3700	1.23	138.97	3699.01	5.30	-18.61	-13.47	0.13	
3800	1.39	142.48	3798.99	3.53	-17.17	-13.11	0.18	
3900	1.56	147.46	3898.95	1.42	-15.70	-12.89	0.21	
4000	1.61	153.70	3998.92	-0.99	-14.34	-12.92	0.18	
4100	1.75	157.39	4098.87	-3.66	-13.13	-13.20	0.18	
4200	1.88	161.79	4198.82	-6.63	-12.03	-13.74	0.19	
4300	1.91	157.26	4298.77	-9.72	-10.88	-14.28	0.15	
4400	1.97	153.16	4398.71	-12.79	-9.46	-14.59	0.15	
4500	1.65	144.00	4498.66	-15.49	-7.84	-14.53	0.43	
4600	1.54	145.97	4598.62	-17.77	-6.24	-14.29	0.12	
4700	1.60	144.77	4698.58	-20.02	-4.68	-14.06	0.07	
4800	1.25	155.16	4798.55	-22.15	-3.42	-14.04	0.43	
4900	1.26	157.39	4898.53	-24.16	-2.54	-14.28	0.05	
5000	1.45	165.64	4998.50	-26.40	-1.80	-14.76	0.27	
5100	1.57	162.31	5098.47	-28.93	-1.07	-15.39	0.15	