

TEXACO

Denver Region

Estimate: 695044

VGWU #72Y

SUR: E - 200 / N 4 990/W
BHL: G - 2167/N 4 2542/E

36-17.3

30-025-30779

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SURVEY REPORT

Proprietary Information of Texaco Inc.



Lateral: 0

Proposed Direction: 95

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	0.000	
100	0.12	296.06	100.00	0.05	-0.09	-0.10	0.12	
201	0.15	328.75	200.70	0.21	-0.26	-0.27	0.08	
301	0.23	0.01	301.20	0.52	-0.33	-0.37	0.13	
401	0.30	348.09	400.90	0.97	-0.38	-0.46	0.09	
500	0.29	342.98	500.00	1.47	-0.51	-0.63	0.03	
601	0.31	338.91	601.10	1.97	-0.68	-0.85	0.03	
700	0.30	331.76	700.19	2.45	-0.90	-1.11	0.04	
801	0.26	288.77	801.19	2.75	-1.24	-1.48	0.21	
901	0.16	278.14	900.49	2.85	-1.59	-1.83	0.11	
1001	0.11	319.40	1000.59	2.94	-1.79	-2.04	0.11	GYRO
1104	0.10	308.36	1104.39	3.07	-1.93	-2.19	0.02	
1201	0.16	334.47	1200.99	3.24	-2.05	-2.33	0.09	
1301	0.18	330.59	1300.99	3.51	-2.19	-2.49	0.02	
1400	0.16	298.63	1400.39	3.71	-2.39	-2.70	0.10	
1500	0.23	318.53	1500.29	3.93	-2.64	-2.98	0.10	
1600	0.19	325.84	1599.99	4.21	-2.87	-3.23	0.05	
1700	0.31	353.06	1700.29	4.62	-2.99	-3.39	0.17	
1800	0.30	358.79	1800.19	5.15	-3.03	-3.47	0.03	
1901	0.32	359.54	1900.69	5.69	-3.04	-3.53	0.02	
2000	0.32	12.62	2000.18	6.24	-2.98	-3.52	0.07	GYRO
2101	0.29	21.64	2100.48	6.75	-2.83	-3.41	0.06	
2200	0.25	36.05	2200.28	7.16	-2.61	-3.22	0.08	
2301	0.35	44.82	2300.98	7.56	-2.26	-2.91	0.11	
2401	0.33	51.55	2400.68	7.95	-1.82	-2.51	0.04	
2501	0.61	63.30	2500.87	8.37	-1.12	-1.84	0.29	
2600	0.71	62.84	2600.37	8.89	-0.10	-0.87	0.10	
2701	0.66	66.92	2700.66	9.40	0.99	0.16	0.07	
2801	0.76	68.38	2800.45	9.87	2.13	1.26	0.10	
2901	0.71	69.49	2900.75	10.33	3.33	2.42	0.05	
3001	0.79	67.21	3000.94	10.82	4.55	3.59	0.09	GYRO
3101	0.81	65.62	3100.83	11.38	5.83	4.81	0.03	
3201	0.85	67.13	3200.52	11.96	7.15	6.08	0.05	
3301	0.80	60.34	3300.81	12.59	8.45	7.32	0.11	
3401	0.78	64.28	3401.10	13.23	9.67	8.48	0.06	
3500	0.80	61.57	3499.89	13.85	10.88	9.63	0.04	
3600	0.82	59.41	3600.18	14.55	12.12	10.80	0.04	
3700	0.87	60.67	3700.27	15.29	13.39	12.01	0.05	
3801	0.88	57.98	3800.45	16.07	14.71	13.25	0.04	
3901	0.91	59.87	3900.64	16.88	16.05	14.52	0.04	
4000	0.89	57.61	4000.03	17.69	17.39	15.78	0.04	GYRO
4101	0.84	54.40	4100.92	18.54	18.65	16.96	0.07	
4201	0.87	53.54	4201.01	19.42	19.86	18.09	0.03	
4302	0.91	48.57	4301.40	20.40	21.07	19.21	0.09	
4401	0.94	47.84	4400.48	21.46	22.26	20.30	0.03	
4501	0.93	47.58	4500.97	22.57	23.47	21.42	0.01	
4600	0.81	55.30	4599.96	23.51	24.64	22.50	0.17	
4701	0.89	53.08	4700.65	24.38	25.85	23.63	0.09	
4801	1.11	47.46	4800.63	25.50	27.19	24.86	0.24	
4901	1.13	52.83	4900.81	26.76	28.69	26.25	0.11	
5000	0.94	46.47	5000.10	27.91	30.06	27.51	0.22	GYRO
5100	1.00	38.71	5099.98	29.15	31.20	28.54	0.14	