

30-025-29919

SUR: m: 36-17-34

990/5 & 990/W

TEXACO
Denver RegionVGWU #99
Estimate: 695001

BHL #1: m-36-17-34

987/5 & 154/W

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SURVEY REPORT
Proprietary Information of Texaco Inc.

Lateral: 0		Proposed Direction: 270				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	GYRO
100	0.17	135.35	100.00	-0.11	0.10	-0.10	0.17	
200	0.12	123.52	200.00	-0.27	0.30	-0.30	0.06	
300	0.14	137.39	300.00	-0.42	0.47	-0.47	0.04	
400	0.18	129.49	400.00	-0.61	0.67	-0.67	0.05	
500	0.20	126.05	500.00	-0.81	0.93	-0.93	0.02	
600	0.23	116.78	600.00	-1.00	1.25	-1.25	0.05	
700	0.26	119.58	700.00	-1.20	1.63	-1.63	0.03	
800	0.27	116.66	800.00	-1.42	2.04	-2.04	0.02	
900	0.29	127.24	899.99	-1.68	2.45	-2.45	0.06	
1000	0.33	133.68	999.99	-2.03	2.86	-2.86	0.05	GYRO
1100	0.31	136.85	1099.99	-2.43	3.25	-3.25	0.03	
1200	0.29	157.14	1199.99	-2.86	3.54	-3.54	0.11	
1300	0.22	157.19	1299.99	-3.27	3.71	-3.71	0.07	
1400	0.29	162.56	1399.99	-3.69	3.86	-3.86	0.07	
1500	0.32	176.88	1499.99	-4.21	3.95	-3.95	0.08	
1600	0.31	176.46	1599.99	-4.76	3.98	-3.98	0.01	
1700	0.32	176.89	1699.98	-5.31	4.01	-4.01	0.01	
1800	0.31	167.70	1799.98	-5.85	4.09	-4.09	0.05	
1900	0.30	161.86	1899.98	-6.36	4.22	-4.22	0.03	
2000	0.29	156.05	1999.98	-6.84	4.41	-4.41	0.03	GYRO
2100	0.27	143.60	2099.98	-7.26	4.65	-4.65	0.06	
2200	0.26	134.96	2199.98	-7.61	4.95	-4.95	0.04	
2300	0.25	88.35	2299.98	-7.77	5.33	-5.33	0.20	
2400	0.40	68.88	2399.97	-7.64	5.87	-5.87	0.18	
2500	0.87	55.42	2499.97	-7.08	6.83	-6.83	0.49	
2600	1.03	56.63	2599.95	-6.15	8.20	-8.20	0.16	
2700	1.05	55.35	2699.94	-5.14	9.71	-9.71	0.03	
2800	1.07	55.65	2799.92	-4.09	11.23	-11.23	0.02	
2900	0.87	59.80	2899.91	-3.18	12.66	-12.66	0.21	
3000	0.62	61.96	2999.90	-2.55	13.79	-13.79	0.25	GYRO
3100	0.53	74.14	3099.89	-2.17	14.71	-14.71	0.15	
3200	0.37	88.16	3199.89	-2.03	15.48	-15.48	0.19	
3300	0.33	111.92	3299.89	-2.13	16.07	-16.07	0.15	
3400	0.40	91.29	3399.89	-2.24	16.69	-16.69	0.15	
3500	0.32	90.52	3499.88	-2.25	17.31	-17.31	0.08	
3600	0.33	90.58	3599.88	-2.26	17.88	-17.88	0.01	
3700	0.28	90.64	3699.88	-2.26	18.41	-18.41	0.05	
3800	0.27	85.91	3799.88	-2.25	18.89	-18.89	0.02	
3900	0.33	79.08	3899.88	-2.18	19.41	-19.41	0.07	
4000	0.33	83.19	3999.88	-2.09	19.98	-19.98	0.02	GYRO
4100	0.32	76.56	4099.88	-1.99	20.54	-20.54	0.04	
4200	0.25	66.81	4199.87	-1.84	21.01	-21.01	0.08	
4300	0.24	73.73	4299.87	-1.69	21.41	-21.41	0.03	
4400	0.23	82.46	4399.87	-1.61	21.81	-21.81	0.04	
4500	0.11	111.20	4499.87	-1.62	22.10	-22.10	0.14	
4600	0.31	155.59	4599.87	-1.90	22.30	-22.30	0.24	
4700	0.72	198.27	4699.87	-2.74	22.22	-22.22	0.54	
4800	0.87	197.24	4799.86	-4.06	21.79	-21.79	0.15	
4900	1.09	211.59	4899.84	-5.60	21.07	-21.07	0.33	
5000	2.07	209.70	4999.80	-7.98	19.68	-19.68	0.98	GYRO
5100	1.92	216.64	5099.74	-10.89	17.78	-17.78	0.28	



5200	1.81	223.68	5199.69	-13.38	15.69	-15.69	0.25	
5300	1.69	226.20	5299.64	-15.54	13.54	-13.54	0.14	
5400	1.56	224.24	5399.60	-17.54	11.52	-11.52	0.14	
5500	1.17	224.30	5499.58	-19.24	9.86	-9.86	0.39	
5600	0.47	223.33	5599.56	-20.27	8.87	-8.87	0.70	
5700	0.41	218.81	5699.56	-20.85	8.36	-8.36	0.07	
5770	0.40	207.00	5769.56	-21.26	8.09	-8.09	0.12	GYRO
5793	6.80	268.30	5792.50	-21.37	6.69	-6.69	28.77	
5822	15.30	265.50	5820.94	-21.72	1.15	-1.15	29.36	
5854	26.40	262.00	5850.80	-23.05	-10.14	10.14	34.89	
5886	38.20	262.20	5877.80	-25.39	-27.04	27.04	36.88	GYRO
5918	54.50	267.50	5899.82	-27.32	-50.02	50.02	52.29	
5933	65.00	269.70	5907.37	-27.62	-62.96	62.96	71.13	GYRO
5948	76.30	270.60	5912.33	-27.58	-77.09	77.09	75.54	
5979	86.90	276.90	5916.86	-25.55	-107.63	107.63	39.65	
6011	86.90	277.60	5918.59	-21.52	-139.33	139.33	2.18	
6043	87.30	277.40	5920.21	-17.35	-171.01	171.01	1.40	GYRO
6074	88.50	274.90	5921.34	-14.03	-201.81	201.81	8.94	
6106	87.60	272.90	5922.43	-11.85	-233.72	233.72	6.85	
6138	87.80	272.50	5923.72	-10.35	-265.65	265.65	1.40	
6170	86.60	271.80	5925.28	-9.15	-297.59	297.59	4.34	
6201	85.80	271.50	5927.33	-8.26	-328.51	328.51	2.76	
6236	86.60	271.50	5929.65	-7.34	-363.42	363.42	2.29	
6264	86.90	271.40	5931.24	-6.64	-391.37	391.37	1.13	
6296	87.50	271.20	5932.80	-5.91	-423.32	423.32	1.98	
6327	89.30	270.90	5933.67	-5.34	-454.30	454.30	5.89	
6359	89.80	270.80	5933.92	-4.87	-486.30	486.30	1.59	
6391	90.60	270.60	5933.81	-4.48	-518.30	518.30	2.58	
6423	91.10	270.50	5933.33	-4.17	-550.29	550.29	1.59	
6454	91.60	270.70	5932.60	-3.85	-581.28	581.28	1.74	
6486	89.70	270.80	5932.24	-3.43	-613.27	613.27	5.95	
6518	90.00	270.60	5932.32	-3.04	-645.27	645.27	1.13	GYRO
6549	88.50	270.10	5932.73	-2.85	-676.27	676.27	5.10	
6580	86.90	270.00	5933.97	-2.82	-707.24	707.24	5.17	
6611	87.20	269.90	5935.57	-2.85	-738.20	738.20	1.02	
6643	87.70	269.90	5936.99	-2.90	-770.17	770.17	1.56	
6674	88.40	269.90	5938.05	-2.96	-801.15	801.15	2.26	
6709	89.20	269.90	5938.78	-3.02	-836.14	836.14	2.29	GYRO