

D.I.G., INC.

GECKO, INC.
GECKO STATE 36 #2
LEA COUNTY, N.M.

Calculated by Minimum Curvature Method

30-025-32546

36-16s-37e

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	C L O S U R E DISTANCE (FT)	DIRECTION (DEG)	DOGLEG SEVERITY (DG/100')
0.00	0.00	N 0.00 E	0.00	0.00	0.00 N 0.00 E	0.00	N 0.00 E	0.00
200.00	0.25	S 65.00 E	200.00	200.00	0.18 S 0.40 E	0.44	S 65.00 E	0.12
300.00	0.25	S 64.00 E	100.00	300.00	0.37 S 0.79 E	0.87	S 64.75 E	0.00
400.00	0.50	S 31.00 E	100.00	400.00	0.84 S 1.21 E	1.47	S 55.17 E	0.32
500.00	0.00	S 0.00 E	100.00	499.99	1.22 S 1.43 E	1.88	S 49.72 E	0.50
600.00	0.25	S 16.00 E	100.00	599.99	1.43 S 1.49 E	2.07	S 46.36 E	0.25
700.00	0.25	S 12.00 E	100.00	699.99	1.85 S 1.60 E	2.45	S 40.88 E	0.02
800.00	0.50	S 7.00 E	100.00	799.99	2.50 S 1.70 E	3.02	S 34.25 E	0.25
900.00	0.50	S 41.00 E	100.00	899.99	3.26 S 2.04 E	3.84	S 32.04 E	0.29
1000.00	0.25	S 39.00 E	100.00	999.99	3.76 S 2.46 E	4.49	S 33.24 E	0.25
1100.00	0.75	S 5.00 W	100.00	1099.98	4.58 S 2.54 E	5.24	S 29.04 E	0.60
1200.00	0.75	S 8.00 E	100.00	1199.97	5.88 S 2.58 E	6.42	S 23.67 E	0.17
1300.00	0.50	S 7.00 E	100.00	1299.97	6.96 S 2.72 E	7.47	S 21.35 E	0.25
1400.00	0.75	S 11.00 W	100.00	1399.96	8.03 S 2.65 E	8.46	S 18.25 E	0.31
1500.00	0.50	S 6.00 E	100.00	1499.95	9.11 S 2.57 E	9.47	S 15.75 E	0.31
1600.00	0.50	S 25.00 E	100.00	1599.95	9.94 S 2.80 E	10.33	S 15.73 E	0.17
1700.00	0.75	S 30.00 E	100.00	1699.95	10.90 S 3.31 E	11.39	S 16.89 E	0.26
1800.00	0.50	S 24.00 E	100.00	1799.94	11.87 S 3.82 E	12.47	S 17.82 E	0.26
1900.00	0.75	S 26.00 E	100.00	1899.93	12.86 S 4.28 E	13.55	S 18.42 E	0.25
2000.00	0.75	S 22.00 E	100.00	1999.92	14.05 S 4.81 E	14.85	S 18.91 E	0.05
2100.00	0.50	S 2.00 E	100.00	2099.92	15.09 S 5.07 E	15.92	S 18.58 E	0.33
2200.00	0.00	S 0.00 E	100.00	2199.92	15.53 S 5.09 E	16.34	S 18.14 E	0.50
2300.00	0.50	N 52.00 E	100.00	2299.92	15.26 S 5.43 E	16.20	S 19.59 E	0.50
2400.00	0.75	N 57.00 E	100.00	2399.91	14.64 S 6.32 E	15.94	S 23.37 E	0.26
2500.00	0.75	N 58.00 E	100.00	2499.90	13.93 S 7.43 E	15.79	S 28.07 E	0.01
2600.00	0.75	N 42.00 E	100.00	2599.89	13.10 S 8.42 E	15.57	S 32.74 E	0.21
2700.00	0.75	N 44.00 E	100.00	2699.88	12.14 S 9.31 E	15.30	S 37.49 E	0.03
2800.00	1.00	N 23.00 E	100.00	2799.87	10.87 S 10.11 E	14.84	S 42.93 E	0.40
2900.00	1.00	N 29.00 E	100.00	2899.86	9.30 S 10.87 E	14.31	S 49.46 E	0.10
3000.00	1.00	N 31.00 E	100.00	2999.84	7.79 S 11.75 E	14.09	S 56.45 E	0.03
3100.00	1.00	N 24.00 E	100.00	3099.83	6.24 S 12.55 E	14.02	S 63.55 E	0.12
3200.00	1.50	N 29.00 E	100.00	3199.80	4.30 S 13.54 E	14.21	S 72.37 E	0.51

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COMMERCIAL
SERVICE

D.I.G., INC.

GECKO, INC.
GECKO STATE 36 #2
LEA COUNTY, N.M.

Calculated by Minimum Curvature Method

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
3300.00	1.50	N 28.00 E	100.00	3299.77	2.00 S	14.79 E	14.92 S	82.29 E	0.03
3400.00	1.75	N 29.00 E	100.00	3399.73	0.49 N	16.14 E	16.15 N	88.27 E	0.25
3500.00	1.50	N 26.00 E	100.00	3499.69	3.00 N	17.46 E	17.71 N	80.25 E	0.26
3600.00	1.25	N 35.00 E	100.00	3599.66	5.07 N	18.66 E	19.33 N	74.80 E	0.33
3700.00	1.25	N 32.00 E	100.00	3699.64	6.89 N	19.86 E	21.02 N	70.87 E	0.07
3800.00	1.25	N 43.00 E	100.00	3799.61	8.61 N	21.18 E	22.87 N	67.88 E	0.24
3900.00	1.00	N 46.00 E	100.00	3899.59	10.02 N	22.55 E	24.68 N	66.06 E	0.26
4000.00	0.75	N 45.00 E	100.00	3999.58	11.08 N	23.64 E	26.11 N	64.88 E	0.25
4100.00	0.75	N 46.00 E	100.00	4099.57	12.00 N	24.58 E	27.35 N	63.97 E	0.01
4200.00	1.00	N 49.00 E	100.00	4199.56	13.03 N	25.71 E	28.82 N	63.12 E	0.25
4300.00	1.50	N 54.00 E	100.00	4299.54	14.37 N	27.43 E	30.96 N	62.35 E	0.51
4400.00	1.50	N 56.00 E	100.00	4399.50	15.87 N	29.57 E	33.56 N	61.77 E	0.05
4500.00	1.00	N 82.00 E	100.00	4499.48	16.73 N	31.52 E	35.68 N	62.05 E	0.74
4600.00	1.00	N 75.00 E	100.00	4599.46	17.07 N	33.23 E	37.36 N	62.80 E	0.12
4700.00	1.00	N 90.00 E	100.00	4699.45	17.30 N	34.94 E	38.99 N	63.66 E	0.26
4800.00	1.00	N 77.00 E	100.00	4799.43	17.49 N	36.66 E	40.62 N	64.49 E	0.23
4900.00	1.25	N 66.00 E	100.00	4899.41	18.13 N	38.51 E	42.57 N	64.78 E	0.33
5000.00	0.50	N 65.00 E	100.00	4999.40	18.76 N	39.90 E	44.09 N	64.82 E	0.75
5100.00	0.75	N 64.00 E	100.00	5099.40	19.23 N	40.89 E	45.18 N	64.81 E	0.25
5200.00	1.00	N 54.00 E	100.00	5199.38	20.03 N	42.18 E	46.70 N	64.59 E	0.29
5300.00	1.00	N 56.00 E	100.00	5299.37	21.03 N	43.61 E	48.42 N	64.25 E	0.03
5400.00	0.75	N 63.00 E	100.00	5399.36	21.82 N	44.92 E	49.94 N	64.09 E	0.27
5500.00	0.50	N 63.00 E	100.00	5499.35	22.32 N	45.89 E	51.03 N	64.07 E	0.25
5600.00	0.25	S 87.00 E	100.00	5599.35	22.50 N	46.49 E	51.65 N	64.17 E	0.31
5700.00	0.50	S 88.00 E	100.00	5699.35	22.48 N	47.15 E	52.23 N	64.51 E	0.25
5800.00	0.50	N 63.00 E	100.00	5799.34	22.66 N	47.97 E	53.06 N	64.72 E	0.25
5900.00	0.50	N 67.00 E	100.00	5899.34	23.03 N	48.76 E	53.93 N	64.72 E	0.03
6000.00	0.50	S 84.00 E	100.00	5999.34	23.15 N	49.60 E	54.74 N	64.98 E	0.25
6100.00	0.75	S 59.00 E	100.00	6099.33	22.77 N	50.59 E	55.48 N	65.77 E	0.36
6200.00	0.75	S 84.00 E	100.00	6199.32	22.36 N	51.81 E	56.43 N	66.65 E	0.32
6300.00	1.00	S 71.00 E	100.00	6299.31	22.01 N	53.28 E	57.65 N	67.55 E	0.32
6400.00	0.50	S 78.00 E	100.00	6399.30	21.64 N	54.53 E	58.67 N	68.36 E	0.51
6500.00	0.75	S 69.00 E	100.00	6499.29	21.31 N	55.57 E	59.52 N	69.02 E	0.27

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GECKO STATE 36 #2
LEA COUNTY, N.M.

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- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
6600.00	1.00	S 79.00 E	100.00	6599.28	20.91 N	57.04 E	60.75 N	69.87 E	0.29
6700.00	1.00	S 64.00 E	100.00	6699.27	20.36 N	58.68 E	62.11 N	70.86 E	0.26
6800.00	1.00	S 75.00 E	100.00	6799.25	19.75 N	60.31 E	63.46 N	71.87 E	0.19
6900.00	0.75	S 69.00 E	100.00	6899.24	19.29 N	61.76 E	64.70 N	72.65 E	0.27
7000.00	1.00	S 42.00 E	100.00	6999.23	18.41 N	62.96 E	65.59 N	73.70 E	0.48
7100.00	0.75	S 46.00 E	100.00	7099.22	17.31 N	64.01 E	66.31 N	74.87 E	0.26
7200.00	1.25	S 39.00 E	100.00	7199.20	16.00 N	65.17 E	67.10 N	76.20 E	0.51
7300.00	0.75	S 39.00 E	100.00	7299.19	14.65 N	66.27 E	67.87 N	77.54 E	0.50
7400.00	0.75	S 34.00 E	100.00	7399.18	13.60 N	67.04 E	68.41 N	78.54 E	0.07
7500.00	1.00	S 36.00 E	100.00	7499.17	12.35 N	67.92 E	69.04 N	79.70 E	0.25
7600.00	1.00	S 16.00 E	100.00	7599.15	10.80 N	68.68 E	69.52 N	81.06 E	0.35
7700.00	1.00	S 18.00 E	100.00	7699.14	9.13 N	69.19 E	69.79 N	82.48 E	0.03
7800.00	0.50	S 44.00 E	100.00	7799.13	7.99 N	69.76 E	70.22 N	83.47 E	0.59
7900.00	0.50	S 43.00 E	100.00	7899.12	7.36 N	70.36 E	70.74 N	84.03 E	0.01
8000.00	0.75	S 45.00 E	100.00	7999.12	6.58 N	71.12 E	71.42 N	84.72 E	0.25
8100.00	0.50	S 46.00 E	100.00	8099.11	5.81 N	71.90 E	72.13 N	85.38 E	0.25
8200.00	1.00	S 31.00 E	100.00	8199.10	4.76 N	72.66 E	72.82 N	86.25 E	0.53
8300.00	0.50	S 46.00 E	100.00	8299.09	3.71 N	73.42 E	73.52 N	87.11 E	0.53
8400.00	0.50	S 31.00 E	100.00	8399.09	3.03 N	73.96 E	74.02 N	87.65 E	0.13
8500.00	0.50	S 55.00 E	100.00	8499.09	2.41 N	74.54 E	74.58 N	88.15 E	0.21
8600.00	0.75	S 53.00 E	100.00	8599.08	1.76 N	75.43 E	75.45 N	88.66 E	0.25
8700.00	0.75	S 49.00 E	100.00	8699.07	0.94 N	76.44 E	76.45 N	89.30 E	0.05
8800.00	0.50	S 72.00 E	100.00	8799.07	0.37 N	77.35 E	77.35 N	89.72 E	0.35
8900.00	0.50	N 50.00 E	100.00	8899.06	0.52 N	78.10 E	78.10 N	89.62 E	0.48
9000.00	0.50	N 32.00 E	100.00	8999.06	1.17 N	78.67 E	78.67 N	89.15 E	0.16
9100.00	0.75	N 22.00 E	100.00	9099.05	2.15 N	79.14 E	79.17 N	88.45 E	0.27
9200.00	0.75	N 49.00 E	100.00	9199.04	3.18 N	79.88 E	79.94 N	87.72 E	0.35
9300.00	1.00	N 51.00 E	100.00	9299.03	4.16 N	81.05 E	81.16 N	87.06 E	0.25
9400.00	1.00	N 54.00 E	100.00	9399.02	5.22 N	82.44 E	82.60 N	86.37 E	0.05
9500.00	1.50	N 44.00 E	100.00	9498.99	6.68 N	84.05 E	84.32 N	85.46 E	0.54
9600.00	1.50	N 28.00 E	100.00	9598.96	8.78 N	85.58 E	86.02 N	84.15 E	0.42
9700.00	1.75	N 29.00 E	100.00	9698.92	11.27 N	86.93 E	87.66 N	82.62 E	0.25
9800.00	1.50	N 50.00 E	100.00	9798.88	13.44 N	88.67 E	89.69 N	81.38 E	0.64

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D.I.G., INC.

GECKO, INC.
GECKO STATE 36 #2
LEA COUNTY, N.M.

Calculated by Minimum Curvature Method

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
9900.00	2.25	N 48.00 E	100.00	9898.83	15.60 N	91.13 E	92.46 N	80.29 E	0.75
10000.00	2.75	N 66.00 E	100.00	9998.73	17.89 N	94.79 E	96.46 N	79.31 E	0.92
10100.00	2.75	N 69.00 E	100.00	10098.62	19.72 N	99.22 E	101.16 N	78.76 E	0.14
10200.00	2.50	N 56.00 E	100.00	10198.51	21.80 N	103.26 E	105.54 N	78.08 E	0.64
10300.00	2.25	N 61.00 E	100.00	10298.43	23.97 N	106.79 E	109.45 N	77.35 E	0.32
10400.00	2.50	N 80.00 E	100.00	10398.34	25.30 N	110.65 E	113.51 N	77.12 E	0.82
10500.00	2.75	N 69.00 E	100.00	10498.24	26.54 N	115.04 E	118.06 N	77.01 E	0.56
10600.00	3.00	N 73.00 E	100.00	10598.11	28.17 N	119.78 E	123.05 N	76.77 E	0.32
10700.00	3.75	N 79.00 E	100.00	10697.94	29.56 N	125.50 E	128.93 N	76.75 E	0.83
10800.00	3.25	N 79.00 E	100.00	10797.75	30.72 N	131.49 E	135.03 N	76.85 E	0.50
MULTISHOT BY BAKER HUGHES INTEQ 10800 - 11755'									
10823.00	3.25	N 79.00 E	23.00	10820.71	30.97 N	132.77 E	136.33 N	76.87 E	0.00
10916.00	3.75	N 74.00 E	93.00	10913.54	32.31 N	138.28 E	142.00 N	76.85 E	0.63
11010.00	2.25	N 74.00 E	94.00	11007.41	33.67 N	143.01 E	146.92 N	76.75 E	1.60
11103.00	2.00	N 75.00 E	93.00	11100.35	34.59 N	146.33 E	150.36 N	76.70 E	0.27
11196.00	1.50	N 59.00 E	93.00	11193.30	35.64 N	148.94 E	153.15 N	76.54 E	0.75
11289.00	0.25	S 54.00 E	93.00	11286.29	36.14 N	150.15 E	154.44 N	76.46 E	1.53
11382.00	0.75	S 68.00 W	93.00	11379.29	35.80 N	149.75 E	153.97 N	76.56 E	0.98
11476.00	1.25	S 83.00 W	94.00	11473.27	35.44 N	148.16 E	152.34 N	76.55 E	0.60
11583.00	1.00	N 86.00 W	107.00	11580.25	35.37 N	146.07 E	150.29 N	76.39 E	0.31
11662.00	1.25	S 89.00 W	79.00	11659.24	35.40 N	144.52 E	148.79 N	76.24 E	0.34
11755.00	1.25	N 89.00 W	93.00	11752.22	35.40 N	142.49 E	146.82 N	76.05 E	0.05

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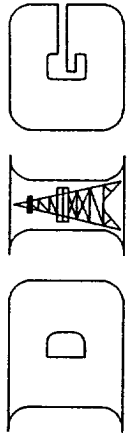
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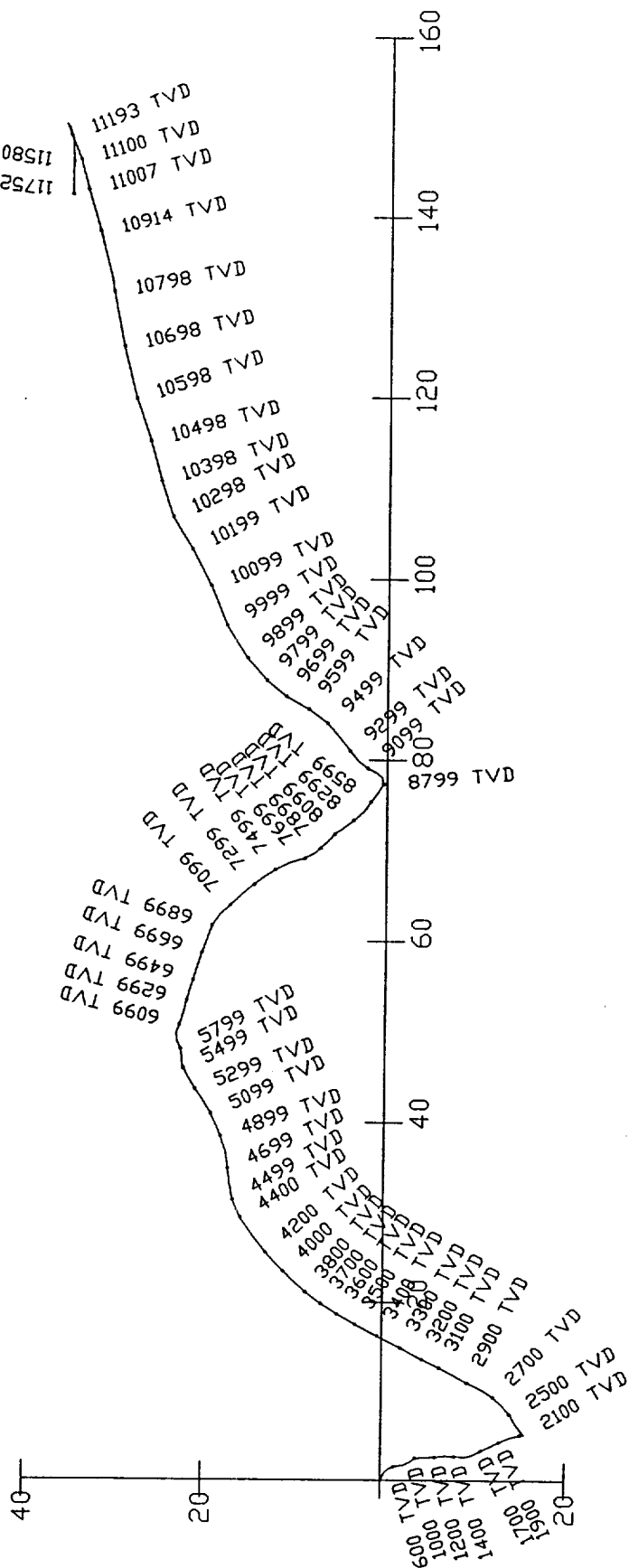
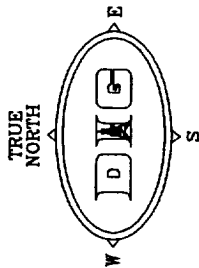
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GECKO, INC.
 STATE 36 #2
 LEA COUNTY, N.M.



HORIZONTAL PLAN
 SCALE: 20 FEET/DIVISION



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