

GECKO INC.

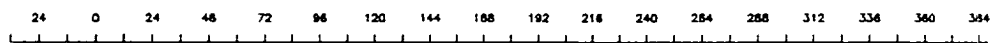
Structure : LONE ET. AL. NO. 1-Y

Field : UNKNOWN

Location : LEA COUNTY, NEW MEXICO

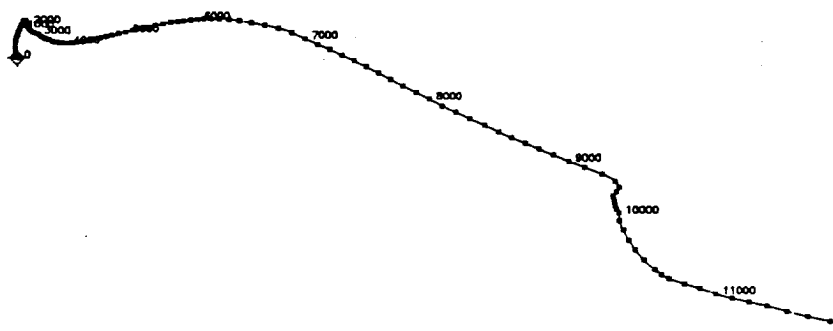
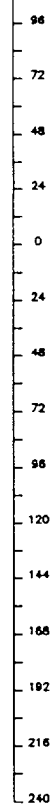
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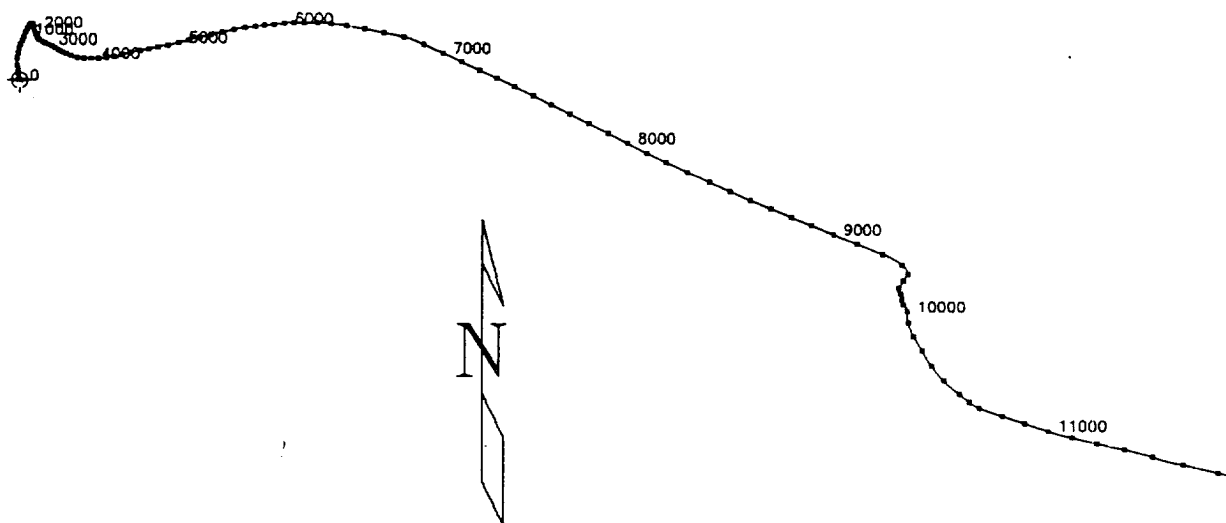
East -->



Scale 1 : 12.00

South -->





BATCHER
MICHIGAN
INTEQ

GECKO INC.
LONE ET. AL. NO. 1-Y

slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref :
Our ref : svy533
License :

Date printed : 19-Dec-95
Date created : 15-Nov-95
Last revised : 19-Dec-95

Field is centred on 0.000,0.000,3.00000,N
Structure is centred on 0.000,0.000,3.00000,N

Slot location is n0 0 0.000,w1 29 18.843
Slot Grid coordinates are N 0.000, E 0.000
Slot local coordinates are 0.00 N 0.00 E
Reference North is True North

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100Ft
0.00	0.00	0.00	0.00	0.00 N	0.00 E
100.00	0.86	342.60	100.00	0.72 N	0.86 W
200.00	1.06	351.71	199.98	2.35 N	0.25 W
300.00	1.20	0.93	299.96	4.31 N	0.23 W
400.00	1.15	1.38	399.94	6.36 N	0.05 W
500.00	0.84	16.39	499.93	8.07 N	0.40 W
600.00	0.68	14.44	599.92	9.35 N	0.16 W
700.00	0.68	21.62	699.91	10.48 N	0.08 E
800.00	0.63	24.42	799.90	11.53 N	0.06 E
900.00	0.57	15.30	899.90	12.52 N	0.11 E
1000.00	0.45	21.88	999.89	13.37 N	0.14 E
1100.00	0.41	33.50	1099.89	14.03 N	0.10 E
1200.00	0.38	24.70	1199.89	14.63 N	0.06 E
1300.00	0.45	26.98	1299.89	15.28 N	0.06 E
1400.00	0.29	38.92	1399.88	15.83 N	0.18 E
1500.00	0.24	28.55	1499.88	16.22 N	0.07 E
1600.00	0.18	53.88	1599.88	16.50 N	0.11 E
1700.00	0.19	89.78	1699.88	16.59 N	0.12 E
1800.00	0.26	142.68	1799.88	16.41 N	0.21 E
1900.00	0.35	175.22	1899.88	15.93 N	0.19 E
2000.00	0.38	165.32	1999.88	15.30 N	0.07 E
2100.00	0.34	164.12	2099.88	14.69 N	0.04 E
2200.00	0.34	157.65	2199.87	14.13 N	0.04 E
2300.00	0.32	155.97	2299.87	13.61 N	0.02 E
2400.00	0.33	155.73	2399.87	13.09 N	0.01 E

All data is in feet unless otherwise stated
 Coordinates from slot #1 and TVD from wellhead.
 Declination is 0.00 degrees, Convergence is 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

GECKO INC.
 LONE ET. AL. NO. 1-Y, slot #1
 UNKNOWN, LEA COUNTY, NEW MEXICO

Your ref :
 Last revised : 19-Dec-95

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100Ft
2500.00	0.29	146.22	2499.87	12.62 N 5.16 E	0.06
2600.00	0.25	140.22	2599.87	12.24 N 5.44 E	0.05
2700.00	0.44	133.25	2699.87	11.81 N 5.86 E	0.19
2800.00	0.66	119.15	2799.86	11.26 N 6.64 E	0.25
2900.00	0.48	105.07	2899.86	10.88 N 7.54 E	0.22
3000.00	0.59	118.32	2999.85	10.52 N 8.40 E	0.17
3100.00	0.65	117.66	3099.85	10.02 N 9.35 E	0.06
3200.00	0.65	126.81	3199.84	9.42 N 10.30 E	0.10
3300.00	0.58	117.48	3299.84	8.84 N 11.20 E	0.12
3400.00	0.33	110.56	3399.83	8.51 N 11.92 E	0.26
3500.00	0.47	114.09	3499.83	8.24 N 12.56 E	0.14
3600.00	0.80	117.92	3599.82	7.75 N 13.56 E	0.33
3700.00	0.96	108.38	3699.81	7.16 N 14.97 E	0.21
3800.00	1.11	99.54	3799.80	6.73 N 16.72 E	0.22
3900.00	1.09	93.82	3899.78	6.51 N 18.63 E	0.11
4000.00	1.34	91.84	3999.75	6.41 N 20.75 E	0.25
4100.00	1.20	87.23	4099.73	6.42 N 22.96 E	0.18
4200.00	1.36	80.05	4199.70	6.68 N 25.17 E	0.22
4300.00	1.35	80.08	4299.68	7.08 N 27.50 E	0.00
4400.00	1.42	75.24	4399.65	7.60 N 29.86 E	0.14
4500.00	1.48	77.10	4499.62	8.21 N 32.32 E	0.07
4600.00	1.66	77.86	4599.58	8.80 N 34.99 E	0.18
4700.00	1.39	78.24	4699.54	9.35 N 37.60 E	0.26
4800.00	1.59	76.54	4799.51	9.92 N 40.14 E	0.20
4900.00	1.75	78.61	4899.46	10.55 N 43.00 E	0.17

All data is in feet unless otherwise stated
 Coordinates from slot #1 and TVD from wellhead.
 Declination is 0.00 degrees, Convergence is 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100Ft
5000.00	1.82	76.24	4999.42	11.23 N 46.04 E	0.10
5100.00	1.89	74.53	5099.36	12.05 N 49.17 E	0.09
5200.00	1.81	77.74	5199.31	12.82 N 52.30 E	0.13
5300.00	1.92	77.66	5299.26	13.52 N 55.48 E	0.10
5400.00	1.92	77.70	5399.20	14.23 N 58.75 E	0.00
5500.00	1.97	76.56	5499.15	14.98 N 62.06 E	0.06
5600.00	1.94	82.47	5599.09	15.60 N 65.40 E	0.20
5700.00	1.49	82.34	5699.04	16.00 N 68.37 E	0.44
5800.00	1.67	84.63	5799.00	16.31 N 71.11 E	0.18
5900.00	1.65	85.20	5898.96	16.57 N 74.00 E	0.02
6000.00	1.59	80.05	5998.92	16.93 N 76.80 E	0.16
6100.00	1.62	88.67	6098.88	17.20 N 79.58 E	0.24
6200.00	2.00	91.36	6198.83	17.19 N 82.75 E	0.39
6300.00	2.21	91.42	6298.77	17.10 N 86.42 E	0.20
6400.00	2.48	94.13	6398.68	16.90 N 90.50 E	0.29
6500.00	2.89	100.41	6498.57	16.29 N 95.13 E	0.51
6600.00	3.26	100.52	6598.43	15.31 N 100.41 E	0.37
6700.00	3.44	99.85	6698.26	14.28 N 106.16 E	0.18
6800.00	3.69	102.55	6798.06	13.07 N 112.27 E	0.30
6900.00	3.49	115.08	6897.87	11.08 N 118.16 E	0.81
7000.00	3.54	113.77	6997.68	8.54 N 123.75 E	0.09
7100.00	3.51	114.76	7097.49	6.02 N 129.35 E	0.07
7200.00	3.17	114.03	7197.32	3.61 N 134.66 E	0.34
7300.00	3.34	115.22	7297.16	1.24 N 139.82 E	0.18
7400.00	3.39	114.16	7396.99	1.21 S 145.15 E	0.08

All data is in feet unless otherwise stated
 Coordinates from slot #1 and TVD from wellhead.
 Declination is 0.00 degrees, Convergence is 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

LONE ET. AL. NO. 1-Y, slot #1
UNKNOWN, LEA COUNTY, NEW MEXICO

Your ref :
Last revised : 19-Dec-95

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100Ft
7500.00	3.47	116.04	7496.81	3.75 S 150.57 E	0.14
7600.00	3.50	116.19	7596.62	6.42 S 156.03 E	0.03
7700.00	3.61	117.41	7696.43	9.22 S 161.56 E	0.13
7800.00	3.60	116.49	7796.23	12.07 S 167.16 E	0.06
7900.00	3.66	115.75	7896.03	14.86 S 172.85 E	0.08
8000.00	3.66	116.95	7995.83	17.69 S 178.57 E	0.08
8100.00	3.62	117.07	8095.63	20.57 S 184.23 E	0.04
8200.00	3.83	113.42	8195.42	23.34 S 190.10 E	0.32
8300.00	3.96	113.50	8295.18	26.04 S 196.33 E	0.13
8400.00	4.24	113.80	8394.93	28.91 S 202.88 E	0.28
8500.00	3.58	113.67	8494.70	31.66 S 209.12 E	0.66
8600.00	3.86	112.88	8594.48	34.22 S 215.08 E	0.28
8700.00	3.79	112.68	8694.26	36.80 S 221.24 E	0.07
8800.00	3.75	112.16	8794.04	39.31 S 227.31 E	0.05
8900.00	3.88	111.93	8893.82	41.81 S 233.48 E	0.13
9000.00	4.20	110.96	8993.58	44.38 S 240.04 E	0.33
9100.00	4.57	111.07	9093.28	47.12 S 247.18 E	0.37
9200.00	4.65	110.79	9192.96	49.99 S 254.68 E	0.08
9300.00	2.95	129.65	9292.74	53.07 S 260.45 E	2.09
9400.00	1.24	199.80	9392.68	55.73 S 262.07 E	2.78
9500.00	1.35	221.14	9492.66	57.64 S 260.93 E	0.49
9600.00	1.53	206.74	9592.62	59.72 S 259.55 E	0.40
9700.00	1.53	119.51	9692.60	61.57 S 260.11 E	2.11
9800.00	1.54	216.56	9792.58	63.31 S 260.47 E	2.30
9900.00	1.49	110.05	9892.56	64.83 S 260.90 E	2.43

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Coordinates from slot #1 and TVD from wellhead.
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Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100Ft
10000.00	1.64	186.66	9992.53	66.70 S 261.95 E	1.94
10100.00	2.28	165.86	10092.47	70.05 S 262.27 E	0.95
10200.00	2.66	150.28	10192.38	73.99 S 263.91 E	0.77
10300.00	2.93	151.22	10292.26	78.25 S 266.29 E	0.27
10400.00	3.12	143.71	10392.12	82.68 S 269.13 E	0.44
10500.00	3.28	135.33	10491.97	86.91 S 272.75 E	0.49
10600.00	3.64	127.15	10591.78	90.86 S 277.29 E	0.61
10655.00	4.30	128.11	10646.65	93.19 S 280.31 E	1.21
10700.00	4.20	109.58	10691.53	94.78 S 283.19 E	3.05
10800.00	4.01	107.32	10791.27	97.05 S 289.97 E	0.25
10900.00	4.08	107.85	10891.02	99.18 S 296.70 E	0.08
11000.00	4.08	107.28	10990.77	101.33 S 303.49 E	0.04
11100.00	4.22	104.04	11090.51	103.28 S 310.46 E	0.27
11200.00	4.38	101.89	11190.23	104.96 S 317.77 E	0.23
11300.00	4.86	102.45	11289.90	106.66 S 325.64 E	0.49
11400.00	4.94	106.56	11389.54	108.80 S 333.91 E	0.36
11500.00	5.70	102.34	11489.10	111.09 S 342.89 E	0.86
11600.00	6.03	102.76	11588.58	113.32 S 352.87 E	0.33
11635.00	6.47	104.54	11623.37	114.22 S 356.57 E	1.38

FINAL SURVEY STATION

All data is in feet unless otherwise stated
 Coordinates from slot #1 and TVD from wellhead.
 Declination is 0.00 degrees, Convergence is 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

GECKO INC.
LONE ET. AL. NO. 1-Y,slot #1
UNKNOWN,LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 6
Your ref :
Last revised : 19-Dec-95

Comments in wellpath
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MD	TVD	Rectangular Coords.	Comment
11635.00	11623.37	114.22 S 356.57 E	FINAL SURVEY STATION

All data is in feet unless otherwise stated
Coordinates from slot #1 and TVD from wellhead.
Bottom hole distance is 374.42 on azimuth 107.76 degrees from wellhead.
Declination is 0.00 degrees, Convergence is 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ