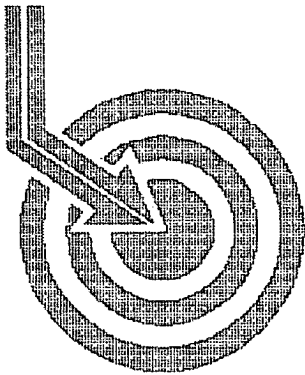




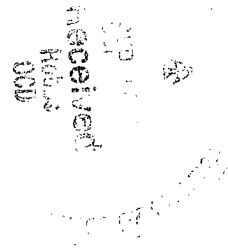
Scientific Drilling

SUR: P-25-17s-34e, 146/S & 128/E
BHL: D-36-17s-34e, 96/N & 1112/W
API # 30-025-31817

CHEVRON

Field: Vacuum Glorietta West
Site: Lea County, NM
Well: VGWU #55H
Wellpath: DH - Job #32D0706571
Survey: 07/18/06-07/25/06

1112' FWL
96' FWL



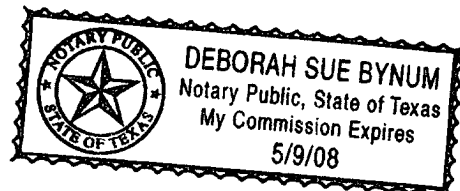
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....R. Wharton..... Company Representative

Notorized this date 9th of August, 2006.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CHEVRON	Date: 08/09/2006	Time: 10:44:00	Page: 1
Field: Vacuum Glorietta West	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: VGWU #55H	Section (VS) Reference:	Well (0.00N,0.00E,266.57Azi)	
Wellpath: VH - Job #32K0706572	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 07/18/06 KSRG 0'-5810'	Start Date: 07/18/2006
Company: Scientific Drilling Internatio	Engineer: Guebara w/Signal
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.51	179.44	100.00	0.02	-0.45	0.00	0.51	0.45	179.44
200.00	0.24	167.97	200.00	0.01	-1.09	0.05	0.28	1.10	177.26
300.00	0.27	160.22	300.00	-0.08	-1.52	0.18	0.05	1.53	173.41
400.00	0.29	151.95	399.99	-0.26	-1.97	0.37	0.05	2.00	169.22
500.00	0.37	131.02	499.99	-0.59	-2.40	0.74	0.14	2.51	162.94
600.00	0.39	123.47	599.99	-1.09	-2.80	1.26	0.05	3.07	155.70
700.00	0.36	132.76	699.99	-1.58	-3.20	1.78	0.07	3.66	150.94
800.00	0.22	135.15	799.99	-1.93	-3.55	2.15	0.14	4.15	148.87
900.00	0.11	202.21	899.99	-2.01	-3.78	2.24	0.20	4.39	149.28
1000.00	0.15	230.13	999.99	-1.87	-3.95	2.11	0.07	4.48	151.91
1100.00	0.25	256.73	1099.99	-1.55	-4.08	1.79	0.13	4.46	156.27
1200.00	0.17	271.33	1199.99	-1.18	-4.13	1.43	0.10	4.37	160.85
1300.00	0.28	259.07	1299.98	-0.79	-4.17	1.05	0.12	4.30	165.93
1400.00	0.20	247.08	1399.98	-0.39	-4.29	0.65	0.09	4.34	171.44
1500.00	0.11	250.67	1499.98	-0.13	-4.39	0.39	0.09	4.40	174.87
1600.00	0.08	245.56	1599.98	0.03	-4.45	0.24	0.03	4.45	176.91
1700.00	0.24	224.41	1699.98	0.25	-4.63	0.03	0.17	4.63	179.63
1800.00	0.06	248.72	1799.98	0.45	-4.79	-0.17	0.19	4.80	181.98
1900.00	0.16	43.93	1899.98	0.40	-4.71	-0.12	0.22	4.71	181.43
2000.00	0.22	109.28	1999.98	0.12	-4.68	0.16	0.21	4.68	178.03
2100.00	0.20	144.77	2099.98	-0.15	-4.88	0.44	0.13	4.90	174.82
2200.00	0.29	99.48	2199.98	-0.49	-5.07	0.79	0.21	5.13	171.11
2300.00	0.31	101.25	2299.98	-1.00	-5.16	1.31	0.02	5.32	165.78
2400.00	0.33	103.74	2399.98	-1.53	-5.28	1.85	0.02	5.60	160.67
2500.00	0.39	118.19	2499.98	-2.10	-5.51	2.43	0.11	6.02	156.19
2600.00	0.50	90.43	2599.97	-2.82	-5.68	3.17	0.24	6.50	150.82
2700.00	0.48	89.44	2699.97	-3.68	-5.67	4.02	0.02	6.96	144.66
2800.00	0.48	95.08	2799.97	-4.51	-5.71	4.86	0.05	7.50	139.59
2900.00	0.57	86.04	2899.96	-5.42	-5.71	5.77	0.12	8.12	134.68
3000.00	0.30	109.89	2999.96	-6.16	-5.76	6.52	0.32	8.70	131.50
3100.00	0.23	136.93	3099.96	-6.53	-6.00	6.90	0.14	9.14	131.02
3200.00	0.31	203.27	3199.96	-6.53	-6.40	6.93	0.30	9.43	132.71
3300.00	0.42	223.29	3299.95	-6.15	-6.91	6.57	0.17	9.54	136.44
3400.00	0.49	239.16	3399.95	-5.50	-7.40	5.95	0.14	9.49	141.18
3500.00	0.67	246.02	3499.95	-4.57	-7.85	5.05	0.19	9.34	147.25
3600.00	0.98	258.94	3599.94	-3.18	-8.26	3.68	0.36	9.04	155.99
3700.00	1.33	258.33	3699.91	-1.18	-8.65	1.70	0.35	8.82	168.87
3800.00	1.67	262.98	3799.88	1.42	-9.07	-0.88	0.36	9.11	185.55
3900.00	1.94	263.09	3899.83	4.57	-9.45	-4.01	0.27	10.26	202.98
4000.00	2.10	260.65	3999.77	8.08	-9.95	-7.50	0.18	12.46	216.99
4100.00	2.24	264.12	4099.70	11.85	-10.45	-11.25	0.19	15.35	227.11
4200.00	2.41	264.77	4199.61	15.91	-10.84	-15.29	0.17	18.74	234.66
4300.00	2.51	266.13	4299.52	20.20	-11.18	-19.56	0.12	22.53	240.25
4400.00	2.73	264.45	4399.42	24.77	-11.56	-24.12	0.23	26.74	244.40
4500.00	2.85	264.37	4499.30	29.63	-12.03	-28.96	0.12	31.36	247.44
4600.00	2.85	263.16	4599.18	34.60	-12.57	-33.91	0.06	36.16	249.66
4700.00	2.79	261.69	4699.05	39.50	-13.22	-38.78	0.09	40.97	251.18
4800.00	2.76	260.98	4798.94	44.32	-13.95	-43.57	0.05	45.75	252.25



Scientific Drilling International Survey Report

Company: CHEVRON
Field: Vacuum Goriotta West
Site: Lea County, NM
Well: VGWU #55H
Wellpath: VH - Job #32K0706572

Date: 08/09/2006 Time: 10:44:00 Page: 2
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,266.57Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	2.91	260.79	4898.81	49.25	-14.73	-48.45	0.15	50.64	253.09
5000.00	2.90	266.52	4998.69	54.30	-15.29	-53.48	0.29	55.63	254.04
5100.00	2.94	264.62	5098.56	59.39	-15.69	-58.56	0.10	60.63	255.00
5200.00	2.98	263.70	5198.42	64.55	-16.21	-63.70	0.06	65.73	255.72
5300.00	3.05	263.16	5298.29	69.81	-16.81	-68.92	0.08	70.94	256.29
5400.00	3.06	263.87	5398.14	75.13	-17.42	-74.22	0.04	76.23	256.79
5500.00	3.04	263.27	5498.00	80.44	-18.01	-79.51	0.04	81.52	257.24
5600.00	2.87	265.44	5597.87	85.59	-18.52	-84.63	0.20	86.64	257.66
5700.00	3.01	264.86	5697.74	90.72	-18.96	-89.74	0.14	91.72	258.07
5800.00	2.98	264.25	5797.60	95.94	-19.45	-94.95	0.04	96.92	258.42
5810.00	2.92	266.35	5807.59	96.45	-19.49	-95.46	1.24	97.43	258.46



Scientific Drilling International Survey Report

Company: CHEVRON	Date: 08/09/2006	Time: 11:02:31	Page: 1
Field: Vacuum Glorieta West	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: VGWU #55H	Section (VS) Reference:	Well (0.00N,0.00E,266.57Azi)	
Wellpath: DH - Job #32D0706571	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 07/18/06-07/25/06 MWD 5823'-9861'	Start Date: 07/18/2006
Company: Scientific Drilling Internatio	Engineer: Lamb/Melendez/Baird/Boyd
Tool: MWD;MWD	Tied-to: From: Definitive Path

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
5810.00	2.92	266.35	5807.59	96.45	-19.49	-95.46	0.00	97.43	258.46
5823.00	2.92	266.35	5820.57	97.12	-19.54	-96.12	0.00	98.08	258.51
5870.00	21.07	268.94	5866.35	106.84	-19.77	-105.84	38.62	107.67	259.42
5880.00	24.70	269.52	5875.56	110.72	-19.82	-109.73	36.37	111.51	259.76
5891.00	28.97	268.37	5885.38	115.68	-19.92	-114.69	39.10	116.41	260.15
5901.00	34.43	267.05	5893.88	120.93	-20.13	-119.94	55.04	121.62	260.47
5922.00	46.53	267.26	5909.83	134.54	-20.80	-133.53	57.62	135.14	261.15
5932.00	52.45	267.70	5916.32	142.14	-21.14	-141.12	59.29	142.70	261.48
5954.00	64.53	271.04	5927.80	160.83	-21.31	-159.84	56.40	161.26	262.41
5969.00	72.19	272.28	5933.32	174.71	-20.90	-173.77	51.64	175.02	263.14
5985.00	76.03	273.56	5937.70	190.00	-20.11	-189.13	25.20	190.20	263.93
6016.00	80.36	275.07	5944.05	220.06	-17.83	-219.38	14.76	220.11	265.35
6047.00	85.00	275.16	5947.99	250.45	-15.09	-250.00	14.97	250.45	266.55
6079.00	89.56	274.81	5949.51	282.07	-12.31	-281.83	14.29	282.10	267.50
6110.00	92.96	275.05	5948.83	312.72	-9.65	-312.71	11.00	312.86	268.23
6141.00	93.29	274.97	5947.14	343.34	-6.94	-343.54	1.10	343.61	268.84
6173.00	93.93	275.05	5945.13	374.93	-4.16	-375.36	2.02	375.38	269.37
6203.00	94.31	275.29	5942.97	404.52	-1.46	-405.16	1.50	405.16	269.79
6235.00	94.71	275.07	5940.45	436.06	1.42	-436.93	1.43	436.93	270.19
6266.00	95.22	275.09	5937.77	466.60	4.16	-467.69	1.65	467.71	270.51
6298.00	92.72	274.76	5935.56	498.19	6.90	-499.49	7.88	499.54	270.79
6328.00	92.66	275.01	5934.15	527.84	9.45	-529.35	0.86	529.44	271.02
6360.00	92.35	275.15	5932.75	559.46	12.28	-561.20	1.06	561.33	271.25
6391.00	92.39	275.13	5931.47	590.08	15.05	-592.04	0.14	592.24	271.46
6422.00	92.42	274.80	5930.17	620.72	17.73	-622.90	1.07	623.15	271.63
6453.00	93.10	274.68	5928.67	651.37	20.29	-653.76	2.23	654.07	271.78
6485.00	92.85	273.72	5927.01	683.05	22.63	-685.63	3.10	686.00	271.89
6516.00	93.02	273.64	5925.43	713.77	24.62	-716.52	0.61	716.95	271.97
6547.00	91.78	270.25	5924.13	744.60	25.67	-747.47	11.63	747.92	271.97
6578.00	91.88	268.34	5923.14	775.55	25.29	-778.46	6.17	778.87	271.86
6608.00	92.45	267.80	5922.00	805.52	24.28	-808.42	2.62	808.78	271.72
6640.00	93.16	268.27	5920.44	837.47	23.18	-840.36	2.66	840.68	271.58
6671.00	91.41	266.98	5919.20	868.43	21.90	-871.31	7.01	871.58	271.44
6703.00	91.72	266.55	5918.33	900.42	20.10	-903.24	1.66	903.47	271.27
6734.00	90.07	265.99	5917.84	931.42	18.08	-934.17	5.62	934.35	271.11
6765.00	90.30	265.29	5917.74	962.41	15.72	-965.08	2.38	965.21	270.93
6796.00	91.41	266.13	5917.28	993.40	13.40	-995.99	4.49	996.08	270.77
6828.00	91.44	268.25	5916.49	1025.39	11.84	-1027.94	6.62	1028.01	270.66
6859.00	91.14	267.86	5915.79	1056.37	10.78	-1058.92	1.59	1058.97	270.58
6891.00	89.56	266.24	5915.59	1088.37	9.14	-1090.87	7.07	1090.91	270.48
6922.00	90.30	266.40	5915.63	1119.37	7.15	-1121.81	2.44	1121.83	270.37
6953.00	91.14	266.28	5915.24	1150.37	5.17	-1152.74	2.74	1152.75	270.26
6984.00	92.02	266.37	5914.39	1181.35	3.18	-1183.66	2.85	1183.67	270.15
7015.00	93.06	266.71	5913.01	1212.32	1.31	-1214.58	3.53	1214.58	270.06
7046.00	90.13	264.63	5912.15	1243.30	-1.03	-1245.47	11.59	1245.47	269.95
7077.00	90.94	264.17	5911.86	1274.28	-4.05	-1276.32	3.00	1276.33	269.82
7108.00	91.51	263.87	5911.20	1305.24	-7.28	-1307.15	2.08	1307.17	269.68
7140.00	88.49	264.09	5911.20	1337.20	-10.64	-1338.97	9.46	1339.01	269.54
7171.00	89.23	263.80	5911.81	1368.16	-13.91	-1369.79	2.56	1369.86	269.42



Scientific
Drilling

Scientific Drilling International Survey Report

Company: CHEVRON
Field: Vacuum Goriotta West
Site: Lea County, NM
Well: VGWU #55H
Wellpath: DH - Job #32D0706571

Date: 08/09/2006 Time: 11:02:31 Page: 2
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,266.57Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
7202.00	89.46	263.58	5912.17	1399.12	-17.31	-1400.60	1.03	1400.70	269.29
7233.00	90.07	263.90	5912.30	1430.08	-20.69	-1431.41	2.22	1431.56	269.17
7265.00	90.07	262.88	5912.26	1462.04	-24.38	-1463.20	3.19	1463.40	269.05
7296.00	90.84	263.67	5912.01	1492.98	-28.01	-1493.98	3.56	1494.25	268.93
7327.00	89.76	265.01	5911.85	1523.96	-31.06	-1524.83	5.55	1525.15	268.83
7358.00	90.34	265.48	5911.82	1554.95	-33.63	-1555.72	2.41	1556.09	268.76
7389.00	90.64	265.21	5911.56	1585.94	-36.15	-1586.62	1.30	1587.03	268.69
7421.00	90.74	264.68	5911.17	1617.93	-38.97	-1618.49	1.69	1618.96	268.62
7452.00	91.24	265.10	5910.63	1648.91	-41.73	-1649.37	2.11	1649.89	268.55
7483.00	89.13	262.11	5910.53	1679.86	-45.18	-1680.17	11.80	1680.77	268.46
7514.00	89.29	261.86	5910.96	1710.76	-49.50	-1710.86	0.96	1711.58	268.34
7546.00	89.40	261.74	5911.33	1742.64	-54.07	-1742.53	0.51	1743.37	268.22
7577.00	88.32	259.56	5911.94	1773.47	-59.10	-1773.11	7.85	1774.10	268.09
7608.00	88.15	258.89	5912.90	1804.20	-64.89	-1803.55	2.23	1804.72	267.94
7639.00	88.82	258.49	5913.72	1834.90	-70.97	-1833.94	2.52	1835.31	267.78
7671.00	88.86	258.63	5914.37	1866.58	-77.32	-1865.30	0.45	1866.90	267.63
7702.00	90.10	259.72	5914.65	1897.32	-83.14	-1895.74	5.33	1897.56	267.49
7733.00	90.84	260.73	5914.39	1928.13	-88.40	-1926.29	4.04	1928.32	267.37
7764.00	90.77	261.04	5913.96	1958.97	-93.31	-1956.90	1.03	1959.12	267.27
7796.00	90.54	261.07	5913.59	1990.82	-98.29	-1988.50	0.72	1990.93	267.17
7826.00	90.44	261.22	5913.34	2020.69	-102.91	-2018.15	0.60	2020.77	267.08
7857.00	90.27	260.80	5913.14	2051.54	-107.75	-2048.76	1.46	2051.60	266.99
7889.00	90.37	261.04	5912.97	2083.38	-112.80	-2080.36	0.81	2083.42	266.90
7920.00	92.11	260.96	5912.29	2114.23	-117.65	-2110.97	5.62	2114.25	266.81
7951.00	92.15	260.85	5911.14	2145.06	-122.54	-2141.56	0.38	2145.06	266.72
7982.00	92.32	260.44	5909.93	2175.87	-127.58	-2172.13	1.43	2175.87	266.64
8014.00	89.56	261.82	5909.41	2207.72	-132.51	-2203.73	9.64	2207.72	266.56
8044.00	89.56	262.13	5909.64	2237.62	-136.70	-2233.44	1.03	2237.62	266.50
8076.00	89.97	261.87	5909.77	2269.52	-141.15	-2265.13	1.52	2269.52	266.43
8107.00	90.13	262.54	5909.74	2300.43	-145.36	-2295.84	2.22	2300.44	266.38
8138.00	90.00	262.49	5909.71	2331.35	-149.40	-2326.58	0.45	2331.37	266.33
8170.00	90.34	262.71	5909.61	2363.27	-153.52	-2358.31	1.27	2363.30	266.28
8201.00	90.34	263.25	5909.43	2394.21	-157.31	-2389.08	1.74	2394.25	266.23
8232.00	90.20	262.96	5909.28	2425.15	-161.03	-2419.85	1.04	2425.21	266.19
8264.00	90.17	263.19	5909.18	2457.09	-164.89	-2451.62	0.72	2457.16	266.15
8295.00	90.40	263.35	5909.03	2488.04	-168.52	-2482.41	0.90	2488.12	266.12
8327.00	90.34	262.91	5908.82	2519.98	-172.35	-2514.18	1.39	2520.08	266.08
8358.00	89.97	263.43	5908.73	2550.93	-176.03	-2544.95	2.06	2551.04	266.04
8390.00	89.73	263.38	5908.82	2582.88	-179.71	-2576.74	0.77	2583.00	266.01
8421.00	91.24	262.69	5908.56	2613.82	-183.47	-2607.51	5.36	2613.96	265.98
8452.00	90.98	262.25	5907.96	2644.73	-187.53	-2638.24	1.65	2644.90	265.93
8483.00	90.17	261.58	5907.64	2675.63	-191.89	-2668.93	3.39	2675.82	265.89
8514.00	90.10	261.44	5907.57	2706.51	-196.47	-2699.59	0.50	2706.73	265.84
8545.00	90.84	262.28	5907.32	2737.40	-200.85	-2730.28	3.61	2737.65	265.79
8576.00	91.28	261.84	5906.74	2768.30	-205.14	-2760.97	2.01	2768.58	265.75
8607.00	91.28	261.52	5906.05	2799.18	-209.62	-2791.64	1.03	2799.50	265.71
8638.00	91.61	261.08	5905.27	2830.04	-214.31	-2822.27	1.77	2830.40	265.66
8669.00	90.07	262.60	5904.81	2860.93	-218.71	-2852.95	6.98	2861.32	265.62
8700.00	89.97	262.87	5904.80	2891.86	-222.63	-2883.70	0.93	2892.28	265.59
8732.00	89.90	263.30	5904.84	2923.80	-226.48	-2915.47	1.36	2924.25	265.56
8763.00	90.97	264.98	5904.60	2954.77	-229.65	-2946.31	6.42	2955.24	265.54
8794.00	91.28	265.06	5904.00	2985.75	-232.34	-2977.18	1.03	2986.24	265.54



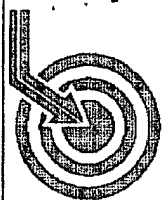
Scientific Drilling International Survey Report

Company: CHEVRON
Field: Vacuum Goriotta West
Site: Lea County, NM
Well: VGWU #55H
Wellpath: DH - Job #32D0706571

Date: 08/09/2006 Time: 11:02:31 Page: 3
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,266.57Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

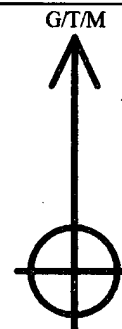
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
8826.00	91.31	265.38	5903.27	3017.73	-235.00	-3009.06	1.00	3018.23	265.53
8857.00	91.41	264.79	5902.54	3048.71	-237.66	-3039.94	1.93	3049.22	265.53
8888.00	90.07	261.29	5902.14	3079.65	-241.41	-3070.70	12.09	3080.18	265.50
8920.00	90.13	260.76	5902.08	3111.50	-246.40	-3102.31	1.67	3112.08	265.46
8951.00	90.94	260.21	5901.79	3142.32	-251.53	-3132.88	3.16	3142.97	265.41
8982.00	91.51	259.89	5901.13	3173.11	-256.88	-3163.41	2.11	3173.82	265.36
9013.00	91.14	264.71	5900.41	3204.01	-261.04	-3194.11	15.59	3204.76	265.33
9045.00	91.18	265.45	5899.76	3235.99	-263.78	-3225.99	2.32	3236.76	265.33
9076.00	91.11	264.70	5899.14	3266.98	-266.44	-3256.87	2.43	3267.75	265.32
9107.00	88.79	267.89	5899.17	3297.97	-268.44	-3287.80	12.72	3298.74	265.33
9138.00	89.30	268.69	5899.69	3328.95	-269.37	-3318.78	3.06	3329.69	265.36
9169.00	89.43	268.68	5900.03	3359.93	-270.08	-3349.77	0.42	3360.64	265.39
9201.00	90.13	271.67	5900.15	3391.86	-269.98	-3381.77	9.60	3392.53	265.44
9232.00	90.40	271.44	5900.01	3422.74	-269.14	-3412.75	1.14	3423.35	265.49
9263.00	90.61	272.05	5899.74	3453.61	-268.20	-3443.74	2.08	3454.17	265.55
9294.00	90.77	271.83	5899.36	3484.48	-267.15	-3474.72	0.88	3484.97	265.60
9325.00	90.81	271.90	5898.94	3515.34	-266.14	-3505.70	0.26	3515.79	265.66
9357.00	90.20	271.60	5898.66	3547.21	-265.16	-3537.68	2.12	3547.61	265.71
9388.00	89.90	271.70	5898.63	3578.09	-264.27	-3568.67	1.02	3578.44	265.76
9420.00	90.20	273.04	5898.60	3609.92	-262.94	-3600.64	4.29	3610.23	265.82
9451.00	90.77	272.76	5898.34	3640.73	-261.38	-3631.60	2.05	3640.99	265.88
9482.00	92.89	273.07	5897.35	3671.53	-259.80	-3662.54	6.91	3671.75	265.94
9513.00	94.04	273.12	5895.47	3702.27	-258.13	-3693.44	3.71	3702.45	266.00
9545.00	94.27	273.44	5893.16	3733.96	-256.30	-3725.30	1.23	3734.11	266.06
9576.00	94.51	273.58	5890.78	3764.65	-254.41	-3756.15	0.90	3764.76	266.13
9607.00	94.51	273.43	5888.35	3795.33	-252.52	-3787.00	0.48	3795.41	266.19
9639.00	94.81	272.95	5885.75	3827.01	-250.75	-3818.85	1.76	3827.07	266.24
9670.00	94.88	272.53	5883.13	3857.72	-249.27	-3849.70	1.37	3857.76	266.30
9701.00	94.67	271.88	5880.55	3888.46	-248.08	-3880.57	2.20	3888.49	266.34
9732.00	94.13	272.31	5878.17	3919.22	-246.95	-3911.46	2.22	3919.24	266.39
9764.00	94.30	272.68	5875.82	3950.97	-245.56	-3943.34	1.27	3950.98	266.44
9795.00	94.13	272.30	5873.54	3981.72	-244.22	-3974.23	1.34	3981.72	266.48
9861.00	94.13	272.30	5868.78	4047.22	-241.58	-4040.00	0.00	4047.22	266.58



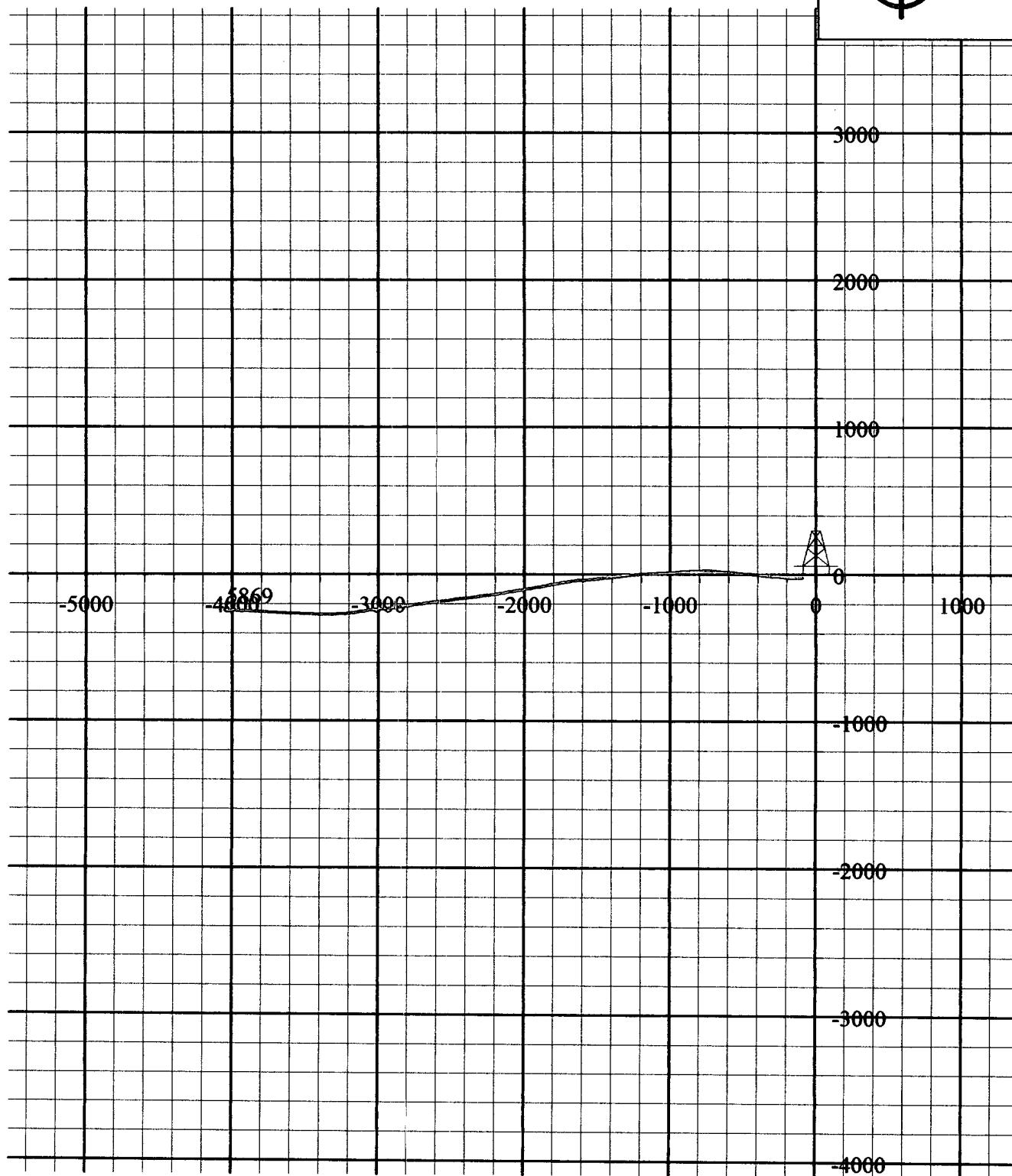
**Scientific
Drilling**

Field: Vacuum Glorietta West
Site: Lea County, NM
Well: VGWU #55H
Wellpath: DH - Job #32D0706571
Survey: 07/18/06-07/25/06



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 08/09/2006
Model: Wmm_95



South(-)/North(+) [500ft/in]

West(-)/East(+) [500ft/in]