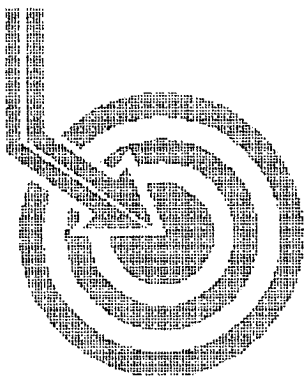


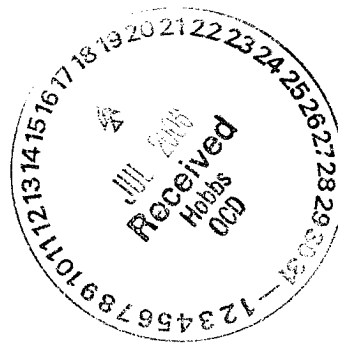


Scientific Drilling

SUR: A-29-21s-37e, 670/N & 270/E
BHL: D-29-21s-37e, 345/N & 4919/E
API # 30-025-25223

CHEVRON

Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: DH - Job #32D0506408
Survey: 05/23/06-06/04/06



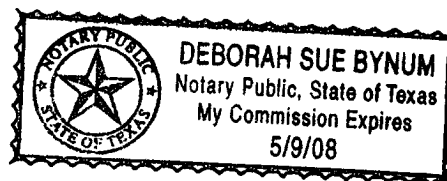
This survey is correct to the best of my knowledge
and is supported by actual field data.

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

Notorized this date 21st of June, 2006.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CHEVRON	Date: 06/21/2006	Time: 08:13:40	Page: 1
Field: Drinkard	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Central Drinkard #412H	Section (VS) Reference:	Well (0.00N,0.00E,274.06Azi)	
Wellpath: VH - Job #32K0506411	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 05/23/06	Start Date: 05/23/2006
KSRG 0'-6420'	
Company: Scientific Drilling Internatio	Engineer: Madrid/Rehders
Tool: Keeper, Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.70	51.83	100.00	-0.45	0.38	0.48	0.70	0.61	51.83
200.00	0.67	47.16	199.99	-1.30	1.15	1.39	0.06	1.81	50.32
300.00	0.82	32.02	299.98	-2.04	2.16	2.20	0.25	3.08	45.53
400.00	0.62	50.36	399.97	-2.77	3.11	2.99	0.30	4.32	43.92
500.00	0.81	48.74	499.97	-3.66	3.92	3.94	0.19	5.56	45.16
600.00	0.72	34.09	599.96	-4.47	4.91	4.83	0.21	6.88	44.52
700.00	0.36	30.78	699.95	-4.92	5.70	5.34	0.36	7.81	43.13
800.00	0.62	54.04	799.95	-5.48	6.29	5.94	0.32	8.65	43.35
900.00	0.38	40.10	899.95	-6.09	6.86	6.59	0.26	9.51	43.84
1000.00	0.52	49.77	999.94	-6.60	7.41	7.15	0.16	10.29	43.98
1100.00	0.30	52.86	1099.94	-7.13	7.86	7.70	0.22	11.00	44.43
1200.00	0.43	80.04	1199.94	-7.69	8.08	8.28	0.21	11.57	45.70
1300.00	0.09	45.12	1299.94	-8.10	8.20	8.70	0.36	11.96	46.70
1400.00	0.03	151.53	1399.94	-8.17	8.24	8.77	0.11	12.04	46.81
1500.00	0.10	208.95	1499.94	-8.15	8.14	8.74	0.09	11.95	47.06
1600.00	0.18	172.81	1599.94	-8.14	7.91	8.72	0.11	11.77	47.80
1700.00	0.12	155.97	1699.94	-8.22	7.66	8.78	0.07	11.65	48.92
1800.00	0.13	203.07	1799.94	-8.23	7.46	8.78	0.10	11.52	49.66
1900.00	0.32	83.12	1899.94	-8.47	7.39	9.01	0.40	11.65	50.66
2000.00	0.77	90.31	1999.93	-9.40	7.42	9.95	0.45	12.41	53.31
2100.00	1.38	76.97	2099.91	-11.22	7.68	11.79	0.65	14.07	56.91
2200.00	1.72	70.06	2199.88	-13.73	8.46	14.37	0.39	16.68	59.50
2300.00	1.84	69.19	2299.83	-16.56	9.55	17.28	0.13	19.74	61.08
2400.00	2.22	68.97	2399.77	-19.77	10.81	20.58	0.38	23.25	62.29
2500.00	2.27	64.90	2499.69	-23.25	12.34	24.18	0.17	27.15	62.96
2600.00	2.18	67.08	2599.61	-26.67	13.93	27.73	0.12	31.03	63.33
2700.00	2.06	71.59	2699.54	-30.03	15.23	31.19	0.21	34.71	63.97
2800.00	1.56	74.49	2799.49	-32.97	16.17	34.21	0.51	37.83	64.70
2900.00	1.08	62.84	2899.47	-35.07	16.96	36.36	0.55	40.12	64.99
3000.00	0.66	71.41	2999.46	-36.41	17.58	37.75	0.44	41.64	65.03
3100.00	0.66	76.12	3099.45	-37.49	17.90	38.86	0.05	42.78	65.27
3200.00	0.45	79.34	3199.44	-38.42	18.11	39.80	0.21	43.73	65.53
3300.00	0.40	81.94	3299.44	-39.14	18.23	40.54	0.06	44.45	65.78
3400.00	0.35	165.63	3399.44	-39.58	17.98	40.96	0.50	44.73	66.30
3500.00	0.21	188.11	3499.44	-39.67	17.50	41.01	0.18	44.59	66.89
3600.00	0.54	206.26	3599.44	-39.48	16.90	40.78	0.34	44.14	67.49
3700.00	0.31	220.53	3699.43	-39.14	16.27	40.39	0.25	43.55	68.06
3800.00	0.35	192.58	3799.43	-38.93	15.76	40.15	0.16	43.13	68.56
3900.00	0.19	239.39	3899.43	-38.75	15.38	39.94	0.26	42.80	68.94
4000.00	0.33	224.18	3999.43	-38.43	15.09	39.60	0.15	42.37	69.14
4100.00	0.31	286.11	4099.43	-37.98	14.96	39.14	0.33	41.90	69.08
4200.00	0.55	18.26	4199.43	-37.83	15.49	39.03	0.64	41.99	68.36
4300.00	0.83	358.62	4299.42	-37.88	16.66	39.16	0.36	42.56	66.95
4400.00	1.28	357.34	4399.40	-37.68	18.50	39.09	0.46	43.25	64.67
4500.00	1.14	332.56	4499.38	-37.03	20.50	38.58	0.54	43.69	62.01
4600.00	1.10	342.65	4599.36	-36.16	22.30	37.83	0.20	43.92	59.48
4700.00	0.95	330.39	4699.35	-35.35	23.94	37.14	0.26	44.19	57.19
4800.00	0.93	345.18	4799.33	-34.63	25.45	36.52	0.24	44.51	55.13



Scientific
Drilling

Scientific Drilling International Survey Report

Company: CHEVRON
Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: VH - Job #32K0506411

Date: 06/21/2006 Time: 08:13:40 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,274.06Azi)
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	0.91	333.17	4899.32	-33.96	26.94	35.95	0.19	44.93	53.16
5000.00	0.77	339.86	4999.31	-33.27	28.28	35.36	0.17	45.28	51.35
5100.00	1.36	320.46	5099.29	-32.18	29.83	34.38	0.68	45.51	49.06
5200.00	1.62	303.87	5199.26	-30.14	31.53	32.45	0.50	45.24	45.83
5300.00	1.43	303.30	5299.22	-27.82	33.00	30.24	0.19	44.76	42.50
5400.00	1.39	302.29	5399.19	-25.66	34.33	28.17	0.05	44.41	39.36
5500.00	1.22	290.66	5499.17	-23.57	35.36	26.14	0.31	43.97	36.48
5600.00	0.87	279.80	5599.15	-21.79	35.86	24.40	0.40	43.37	34.22
5700.00	0.75	270.50	5699.14	-20.38	36.00	22.99	0.18	42.71	32.57
5800.00	0.39	279.51	5799.13	-19.39	36.06	22.00	0.37	42.24	31.38
5900.00	0.38	268.07	5899.13	-18.72	36.11	21.33	0.08	41.93	30.57
6000.00	0.42	259.03	5999.13	-18.04	36.02	20.64	0.07	41.52	29.81
6100.00	0.52	231.71	6099.13	-17.35	35.67	19.92	0.24	40.86	29.18
6200.00	0.41	248.33	6199.12	-16.69	35.26	19.23	0.17	40.16	28.61
6300.00	0.28	265.28	6299.12	-16.12	35.11	18.66	0.16	39.76	27.99
6400.00	0.30	242.75	6399.12	-15.66	34.97	18.18	0.11	39.41	27.47
6420.00	0.57	221.54	6419.12	-15.55	34.87	18.07	1.55	39.27	27.39



Scientific Drilling International Survey Report

Company: CHEVRON
Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: DH - Job #32D0506408

Date: 06/21/2006 Time: 08:30:24 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,274.06Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 05/23/06-06/04/06
MWD 6515'-11382'

Start Date: 05/23/2006

Company: Scientific Drilling Internatio
Tool: MWD;MWD

Engineer: Lamb/Melendez/Stahl
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
6420.00	0.57	221.54	6419.12	-15.55	34.87	18.07	0.00	39.27	27.39
6515.00	0.80	241.84	6514.11	-14.70	34.20	17.17	0.35	38.27	26.65
6589.00	20.82	306.35	6586.47	-3.02	41.84	6.00	27.69	42.26	8.16
6599.00	26.89	307.18	6595.61	0.37	44.26	2.77	60.79	44.34	3.58
6609.00	32.80	307.83	6604.28	4.52	47.29	-1.18	59.19	47.30	358.57
6620.00	39.23	309.23	6613.17	9.85	51.32	-6.23	58.93	51.70	353.08
6630.00	44.62	311.16	6620.61	15.24	55.63	-11.33	55.42	56.78	348.49
6640.00	51.07	313.04	6627.32	21.07	60.61	-16.82	65.98	62.90	344.49
6650.00	56.57	315.32	6633.22	27.24	66.23	-22.60	57.99	69.98	341.16
6665.00	65.27	320.90	6640.51	36.63	75.99	-31.32	66.46	82.20	337.60
6679.00	71.96	324.14	6645.61	45.26	86.34	-39.24	52.41	94.84	335.56
6711.00	79.39	324.29	6653.52	65.11	111.47	-57.36	23.22	125.36	332.77
6726.00	82.89	324.26	6655.83	74.59	123.50	-66.01	23.33	140.04	331.88
6742.00	86.03	323.64	6657.38	84.85	136.38	-75.38	20.00	155.82	331.07
6757.00	87.71	322.03	6658.19	94.72	148.31	-84.43	15.50	170.66	330.35
6773.00	88.12	321.25	6658.78	105.51	160.85	-94.35	5.50	186.48	329.60
6804.00	88.29	319.29	6659.75	126.95	184.68	-114.16	6.34	217.11	328.28
6835.00	88.52	313.66	6660.61	149.82	207.14	-135.49	18.17	247.51	326.81
6866.00	89.56	307.56	6661.13	174.70	227.30	-159.01	19.96	277.40	325.03
6898.00	90.64	304.85	6661.08	201.79	246.20	-184.83	9.12	307.86	323.10
6929.00	90.97	301.98	6660.64	228.81	263.27	-210.70	9.32	337.20	321.33
6960.00	90.24	296.25	6660.31	256.88	278.34	-237.77	18.63	366.07	319.50
6992.00	89.50	290.67	6660.38	287.05	291.08	-267.11	17.59	395.06	317.46
7023.00	89.36	289.24	6660.69	316.86	301.66	-296.25	4.63	422.80	315.52
7055.00	89.66	284.05	6660.97	348.08	310.82	-326.90	16.25	451.08	313.56
7085.00	89.66	283.81	6661.15	377.64	318.04	-356.01	0.80	477.38	311.78
7117.00	89.70	277.85	6661.32	409.40	324.05	-387.43	18.63	505.08	309.91
7148.00	89.73	271.71	6661.48	440.38	326.63	-418.30	19.81	530.72	307.98
7179.00	89.93	270.20	6661.57	471.33	327.15	-449.30	4.91	555.79	306.06
7211.00	90.84	269.89	6661.36	503.25	327.18	-481.30	3.00	581.97	304.21
7242.00	91.31	270.42	6660.77	534.18	327.26	-512.29	2.28	607.90	302.57
7273.00	91.24	270.13	6660.08	565.10	327.41	-543.28	0.96	634.31	301.08
7305.00	91.58	270.85	6659.30	597.03	327.68	-575.27	2.49	662.05	299.67
7336.00	90.20	267.83	6658.81	627.92	327.33	-606.26	10.71	688.98	298.36
7367.00	89.60	267.06	6658.87	658.71	325.94	-637.23	3.15	715.75	297.09
7399.00	88.65	266.72	6659.36	690.46	324.21	-669.18	3.15	743.58	295.85
7430.00	88.18	269.75	6660.22	721.28	323.25	-700.15	9.89	771.17	294.78
7462.00	87.75	269.08	6661.35	753.15	322.93	-732.13	2.49	800.18	293.80
7493.00	89.87	270.88	6662.00	784.07	322.92	-763.12	8.97	828.63	292.94
7524.00	89.70	270.81	6662.11	815.02	323.37	-794.11	0.59	857.43	292.16
7556.00	91.04	271.38	6661.91	846.97	323.98	-826.11	4.55	887.37	291.41
7587.00	91.31	271.46	6661.27	877.93	324.75	-857.09	0.91	916.55	290.75
7616.00	91.82	271.54	6660.48	906.89	325.51	-886.07	1.78	943.97	290.17
7650.00	92.19	271.81	6659.29	940.84	326.50	-920.04	1.35	976.25	289.54
7681.00	92.39	271.97	6658.05	971.80	327.53	-950.99	0.83	1005.81	289.00
7712.00	91.75	270.68	6656.93	1002.74	328.24	-981.96	4.64	1035.37	288.48
7744.00	92.29	271.50	6655.80	1034.68	328.85	-1013.94	3.07	1065.93	287.97
7775.00	90.84	270.40	6654.95	1065.62	329.36	-1044.92	5.87	1095.60	287.50
7807.00	90.98	270.68	6654.45	1097.55	329.67	-1076.92	0.98	1126.24	287.02



Scientific Drilling International Survey Report

Company: CHEVRON
Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: DH - Job #32D0506408

Date: 06/21/2006
Co-ordinate(NE) Reference:
Vertical (TVD) Reference:
Section (VS) Reference:
Survey Calculation Method:
Time: 08:30:24
Site: Lea County, NM, Grid North
SITE 0.0
Well (0.00N,0.00E,274.06Azi)
Minimum Curvature
Page: 2
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
7838.00	91.78	270.43	6653.70	1128.49	329.97	-1107.90	2.70	1156.00	286.59
7869.00	92.66	269.42	6652.50	1159.38	329.93	-1138.88	4.32	1185.71	286.16
7901.00	93.30	269.25	6650.84	1191.23	329.55	-1170.84	2.07	1216.33	285.72
7932.00	91.21	268.72	6649.62	1222.08	329.01	-1201.80	6.95	1246.03	285.31
7963.00	91.18	268.35	6648.97	1252.93	328.21	-1232.79	1.20	1275.73	284.91
7994.00	88.79	268.92	6648.98	1283.79	327.48	-1263.78	7.93	1305.52	284.53
8026.00	88.92	268.45	6649.62	1315.64	326.74	-1295.76	1.52	1336.32	284.15
8057.00	89.26	268.26	6650.11	1346.49	325.85	-1326.74	1.26	1366.17	283.80
8089.00	90.34	268.83	6650.22	1378.34	325.04	-1358.73	3.82	1397.07	283.45
8120.00	91.01	268.23	6649.86	1409.19	324.24	-1389.72	2.90	1427.05	283.13
8151.00	92.02	269.82	6649.04	1440.06	323.72	-1420.70	6.07	1457.12	282.84
8183.00	92.32	269.41	6647.82	1471.94	323.50	-1452.68	1.59	1488.27	282.55
8214.00	90.54	269.90	6647.05	1502.84	323.31	-1483.67	5.96	1518.49	282.29
8245.00	90.51	269.80	6646.77	1533.75	323.23	-1514.67	0.34	1548.77	282.05
8277.00	90.64	269.88	6646.45	1565.66	323.14	-1546.67	0.48	1580.06	281.80
8308.00	90.54	269.66	6646.13	1596.57	323.02	-1577.66	0.78	1610.39	281.57
8339.00	90.81	269.64	6645.76	1627.48	322.83	-1608.66	0.87	1640.73	281.35
8370.00	91.25	270.63	6645.20	1658.40	322.90	-1639.66	3.49	1671.15	281.14
8400.00	91.99	270.27	6644.36	1688.33	323.14	-1669.64	2.74	1700.62	280.95
8432.00	92.76	269.89	6643.03	1720.23	323.18	-1701.61	2.68	1732.03	280.75
8463.00	93.58	270.19	6641.32	1751.10	323.21	-1732.57	2.82	1762.46	280.57
8494.00	92.36	271.05	6639.71	1782.00	323.54	-1763.52	4.81	1792.96	280.40
8525.00	91.98	271.22	6638.54	1812.94	324.15	-1794.49	1.34	1823.54	280.24
8556.00	91.18	270.85	6637.68	1843.89	324.71	-1825.48	2.84	1854.13	280.09
8588.00	90.77	270.94	6637.14	1875.83	325.21	-1857.47	1.31	1885.72	279.93
8619.00	90.77	270.77	6636.72	1906.78	325.68	-1888.46	0.55	1916.34	279.78
8650.00	91.14	270.14	6636.20	1937.72	325.92	-1919.46	2.36	1946.93	279.64
8682.00	90.84	269.44	6635.65	1969.62	325.80	-1951.45	2.38	1978.46	279.48
8713.00	90.67	269.96	6635.24	2000.53	325.64	-1982.45	1.76	2009.02	279.33
8744.00	89.16	269.52	6635.29	2031.44	325.50	-2013.45	5.07	2039.59	279.18
8775.00	89.39	269.24	6635.68	2062.33	325.17	-2044.44	1.17	2070.14	279.04
8806.00	89.56	270.28	6635.96	2093.24	325.04	-2075.44	3.40	2100.74	278.90
8838.00	90.17	270.11	6636.04	2125.17	325.15	-2107.44	1.98	2132.37	278.77
8869.00	89.80	269.64	6636.05	2156.09	325.08	-2138.44	1.93	2163.01	278.64
8901.00	89.49	270.85	6636.25	2188.02	325.21	-2170.44	3.90	2194.67	278.52
8932.00	89.87	270.69	6636.42	2218.97	325.63	-2201.43	1.33	2225.39	278.41
8964.00	91.04	270.66	6636.16	2250.91	326.01	-2233.43	3.66	2257.10	278.30
8994.00	91.25	270.59	6635.57	2280.85	326.34	-2263.42	0.74	2286.83	278.20
9026.00	89.80	270.87	6635.27	2312.79	326.74	-2295.42	4.61	2318.56	278.10
9057.00	89.66	270.87	6635.42	2343.74	327.21	-2326.41	0.45	2349.31	278.01
9089.00	89.97	270.32	6635.52	2375.68	327.55	-2358.41	1.97	2381.05	277.91
9120.00	90.77	270.00	6635.32	2406.61	327.63	-2389.41	2.78	2411.77	277.81
9152.00	89.36	269.64	6635.28	2438.52	327.53	-2421.41	4.55	2443.46	277.70
9183.00	89.83	269.56	6635.50	2469.43	327.32	-2452.41	1.54	2474.16	277.60
9214.00	88.99	270.33	6635.82	2500.35	327.29	-2483.41	3.68	2504.88	277.51
9245.00	89.93	270.31	6636.12	2531.28	327.46	-2514.40	3.03	2535.64	277.42
9277.00	89.63	270.46	6636.24	2563.21	327.67	-2546.40	1.05	2567.40	277.33
9308.00	90.61	270.92	6636.17	2594.16	328.05	-2577.40	3.49	2598.19	277.25
9327.00	90.67	271.16	6635.96	2613.13	328.39	-2596.40	1.30	2617.08	277.21
9359.00	91.48	270.83	6635.36	2645.08	328.95	-2628.39	2.73	2648.89	277.13
9390.00	93.98	271.08	6633.88	2676.00	329.46	-2659.34	8.10	2679.67	277.06
9421.00	94.71	271.45	6631.54	2706.87	330.15	-2690.25	2.64	2710.43	277.00



Scientific Drilling International Survey Report

Company: CHEVRON
Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: DH - Job #32D0506408

Date: 06/21/2006 Time: 08:30:24 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,274.06Azi)
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
9452.00	93.36	270.21	6629.35	2737.74	330.59	-2721.17	5.91	2741.17	276.93
9484.00	93.00	270.28	6627.58	2769.62	330.73	-2753.12	1.15	2772.91	276.85
9515.00	92.22	269.32	6626.17	2800.50	330.62	-2784.08	3.99	2803.65	276.77
9546.00	92.72	269.13	6624.83	2831.37	330.20	-2815.05	1.73	2834.35	276.69
9577.00	93.26	269.07	6623.21	2862.21	329.72	-2846.00	1.75	2865.04	276.61
9609.00	93.16	269.18	6621.42	2894.04	329.23	-2877.95	0.46	2896.72	276.53
9640.00	93.80	269.72	6619.54	2924.88	328.93	-2908.89	2.70	2927.43	276.45
9671.00	91.65	269.68	6618.07	2955.75	328.77	-2939.85	6.94	2958.18	276.38
9703.00	92.40	269.24	6616.94	2987.63	328.47	-2971.83	2.72	2989.93	276.31
9734.00	92.93	270.12	6615.50	3018.51	328.30	-3002.80	3.31	3020.69	276.24
9765.00	93.56	269.86	6613.74	3049.38	328.29	-3033.75	2.20	3051.46	276.18
9797.00	89.90	268.64	6612.77	3081.25	327.87	-3065.73	12.06	3083.21	276.10
9828.00	90.07	268.52	6612.78	3112.10	327.10	-3096.72	0.67	3113.94	276.03
9860.00	90.87	268.78	6612.52	3143.96	326.35	-3128.71	2.63	3145.68	275.95
9891.00	90.24	270.02	6612.22	3174.86	326.02	-3159.70	4.49	3176.48	275.89
9922.00	90.77	269.77	6611.95	3205.77	325.97	-3190.70	1.89	3207.31	275.83
9953.00	88.82	270.49	6612.06	3236.70	326.04	-3221.70	6.71	3238.15	275.78
9985.00	88.99	270.32	6612.67	3268.63	326.26	-3253.69	0.75	3270.01	275.73
10016.00	88.96	270.52	6613.22	3299.56	326.49	-3284.69	0.65	3300.87	275.68
10047.00	88.18	269.91	6614.00	3330.48	326.61	-3315.68	3.19	3331.72	275.63
10079.00	89.26	269.61	6614.71	3362.38	326.47	-3347.67	3.50	3363.55	275.57
10110.00	89.26	269.66	6615.11	3393.29	326.28	-3378.66	0.16	3394.38	275.52
10141.00	89.76	269.51	6615.38	3424.19	326.05	-3409.66	1.68	3425.22	275.46
10172.00	89.63	270.44	6615.54	3455.11	326.04	-3440.66	3.03	3456.07	275.41
10203.00	88.99	270.04	6615.92	3486.04	326.17	-3471.66	2.43	3486.95	275.37
10234.00	89.53	270.54	6616.32	3516.97	326.33	-3502.65	2.37	3517.82	275.32
10266.00	88.22	269.75	6616.94	3548.89	326.41	-3534.65	4.78	3549.69	275.28
10296.00	88.76	269.55	6617.74	3578.79	326.22	-3564.64	1.92	3579.53	275.23
10327.00	85.86	270.30	6619.19	3609.67	326.18	-3595.60	9.66	3610.36	275.18
10358.00	86.03	269.71	6621.38	3640.51	326.18	-3626.52	1.98	3641.16	275.14
10390.00	85.12	269.80	6623.85	3672.33	326.05	-3658.42	2.86	3672.93	275.09
10421.00	85.21	269.99	6626.46	3703.14	325.99	-3689.31	0.68	3703.69	275.05
10452.00	85.29	269.78	6629.03	3733.95	325.93	-3720.21	0.72	3734.46	275.01
10484.00	85.66	269.79	6631.56	3765.76	325.81	-3752.11	1.16	3766.23	274.96
10515.00	86.77	269.78	6633.60	3796.61	325.69	-3783.04	3.58	3797.03	274.92
10546.00	86.90	269.82	6635.31	3827.47	325.59	-3813.99	0.44	3827.86	274.88
10577.00	86.16	268.57	6637.19	3858.30	325.15	-3844.93	4.68	3858.66	274.83
10608.00	86.16	268.75	6639.27	3889.10	324.43	-3875.85	0.58	3889.41	274.78
10640.00	88.59	270.90	6640.73	3920.97	324.33	-3907.82	10.13	3921.25	274.74
10671.00	88.89	271.60	6641.41	3951.93	325.01	-3938.80	2.46	3952.19	274.72
10702.00	89.53	271.83	6641.84	3982.90	325.93	-3969.78	2.19	3983.14	274.69
10734.00	89.29	271.73	6642.17	4014.87	326.93	-4001.77	0.81	4015.10	274.67
10765.00	89.93	271.83	6642.38	4045.84	327.89	-4032.75	2.09	4046.06	274.65
10796.00	90.91	272.15	6642.15	4076.82	328.97	-4063.73	3.33	4077.02	274.63
10827.00	89.13	271.76	6642.14	4107.80	330.03	-4094.71	5.88	4107.99	274.61
10858.00	89.60	272.03	6642.49	4138.78	331.05	-4125.69	1.75	4138.95	274.59
10890.00	88.11	270.51	6643.13	4170.73	331.76	-4157.68	6.65	4170.89	274.56
10920.00	87.95	270.05	6644.16	4200.65	331.91	-4187.66	1.62	4200.79	274.53
10952.00	88.08	270.43	6645.27	4232.56	332.04	-4219.64	1.25	4232.68	274.50
10983.00	88.21	270.28	6646.27	4263.48	332.23	-4250.62	0.64	4263.59	274.47
11013.00	86.80	267.79	6647.63	4293.33	331.73	-4280.58	9.88	4293.42	274.43
11044.00	86.97	267.26	6649.37	4324.08	330.39	-4311.51	2.08	4324.15	274.38
11075.00	87.61	267.42	6650.83	4354.83	328.95	-4342.44	2.13	4354.88	274.33



Scientific Drilling International Survey Report

Company: CHEVRON
Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: DH - Job #32D0506408

Date: 06/21/2006 Time: 08:30:24 Page: 4
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,274.06Azi)
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
11107.00	87.74	267.56	6652.13	4386.59	327.55	-4374.38	0.60	4386.63	274.28
11138.00	88.52	267.83	6653.14	4417.39	326.31	-4405.34	2.66	4417.41	274.24
11170.00	87.98	267.43	6654.12	4449.17	324.99	-4437.30	2.10	4449.18	274.19
11201.00	86.43	268.85	6655.63	4479.97	323.98	-4468.24	6.78	4479.97	274.15
11232.00	86.53	268.51	6657.53	4510.77	323.27	-4499.17	1.14	4510.77	274.11
11263.00	87.21	268.27	6659.23	4541.57	322.40	-4530.12	2.33	4541.57	274.07
11295.00	87.68	270.76	6660.65	4573.44	322.13	-4562.08	7.91	4573.44	274.04
11326.00	89.83	271.82	6661.33	4604.39	322.82	-4593.06	7.73	4604.39	274.02
11382.00	89.83	271.82	6661.49	4660.35	324.60	-4649.03	0.00	4660.35	273.99



**Scientific
Drilling**

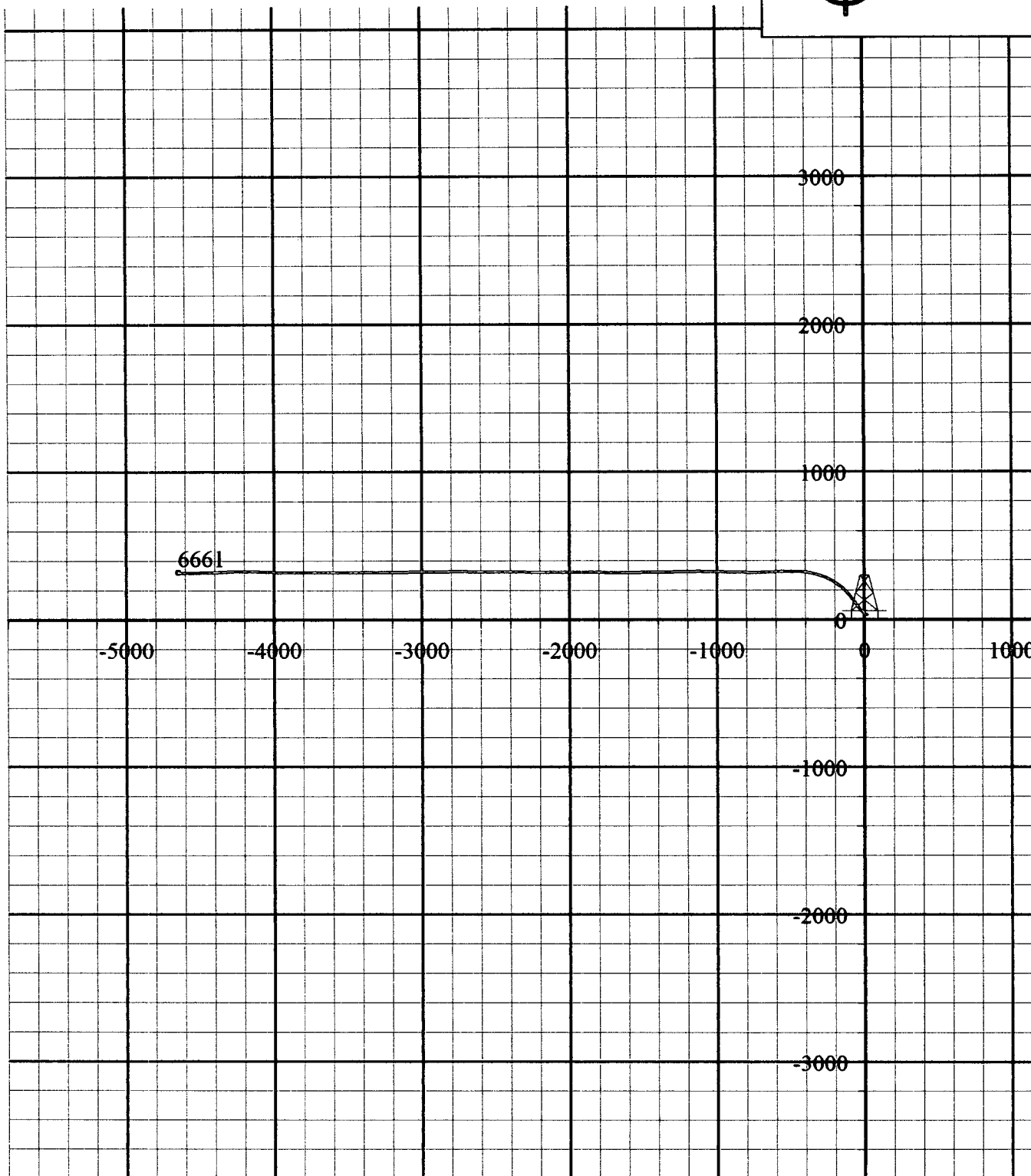
Field: Drinkard
Site: Lea County, NM
Well: Central Drinkard #412H
Wellpath: DH - Job #32D0506408
Survey: 05/23/06-06/04/06



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/21/2006
Model: Wmm_95

South(-)/North(+) [1000ft/in]



West(-)/East(+) [1000ft/in]