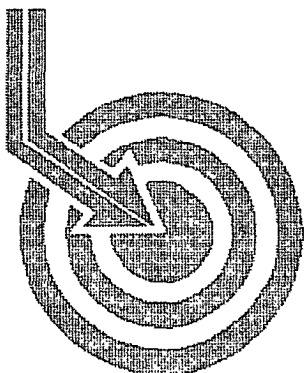




Scientific Drilling

DEVON ENERGY

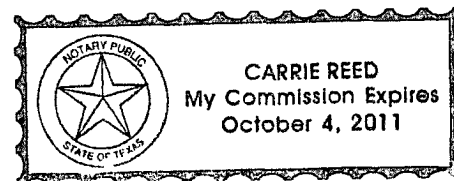
Field: Delaware
Site: Eddy County, NM
Well: North Pure Gold 8 Federal #12H
Wellpath: VH - Job #32K1209539
Survey: 12/08/09

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

.....*L. L. L. L.*.....Company Representative

Notorized this date 3/20 of December, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: DEVON ENERGY
Field: Delaware
Site: Eddy County, NM
Well: North Pure Gold 8 Federal #12H
Wellpath: VH - Job.#32K1209539
Date: 12/09/2009
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,0.85Azi)
Survey Calculation Method: Minimum Curvature
Page: 1
Db: Sybase

Survey: 12/08/09
Start Date: 12/08/2009
Company: Scientific Drilling Internatio
Engineer: Madrid w/Apollo
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	359.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.32	220.08	100.00	-0.22	-0.21	-0.18	0.32	0.28	220.08
200.00	0.37	230.22	200.00	-0.64	-0.63	-0.61	0.08	0.88	223.79
300.00	0.37	247.75	300.00	-0.98	-0.96	-1.15	0.11	1.50	230.18
400.00	0.37	227.95	399.99	-1.33	-1.30	-1.69	0.13	2.14	232.46
500.00	0.55	271.89	499.99	-1.54	-1.50	-2.41	0.38	2.84	238.10
600.00	0.32	277.54	599.99	-1.50	-1.45	-3.17	0.23	3.48	245.43
700.00	0.33	296.31	699.99	-1.34	-1.28	-3.70	0.11	3.92	250.87
800.00	0.24	260.88	799.98	-1.25	-1.19	-4.17	0.19	4.34	254.06
900.00	0.09	296.15	899.98	-1.25	-1.19	-4.45	0.17	4.60	255.03
1000.00	0.05	327.57	999.98	-1.18	-1.12	-4.54	0.05	4.68	256.17
1100.00	0.23	334.70	1099.98	-0.97	-0.90	-4.65	0.18	4.74	259.05
1200.00	0.38	350.28	1199.98	-0.46	-0.39	-4.79	0.17	4.81	265.33
1300.00	0.54	347.27	1299.98	0.32	0.40	-4.95	0.16	4.97	274.57
1400.00	0.39	341.34	1399.98	1.10	1.18	-5.16	0.16	5.30	282.85
1500.00	0.33	345.33	1499.97	1.70	1.78	-5.35	0.06	5.63	288.40
1600.00	0.28	2.40	1599.97	2.22	2.30	-5.41	0.10	5.88	293.05
1700.00	0.21	0.09	1699.97	2.65	2.73	-5.40	0.07	6.05	296.82
1800.00	0.08	293.47	1799.97	2.86	2.94	-5.46	0.19	6.20	298.29
1900.00	0.15	320.27	1899.97	2.98	3.07	-5.61	0.09	6.39	298.68
2000.00	0.19	287.61	1999.97	3.13	3.22	-5.85	0.10	6.68	298.82
2100.00	0.37	264.45	2099.97	3.14	3.24	-6.33	0.21	7.11	297.09
2200.00	0.79	229.65	2199.96	2.65	2.76	-7.18	0.53	7.69	291.04
2300.00	0.48	241.55	2299.96	1.99	2.11	-8.07	0.34	8.34	284.68
2400.00	0.44	260.12	2399.96	1.72	1.85	-8.82	0.15	9.01	281.84
2500.00	0.49	314.26	2499.95	1.94	2.08	-9.50	0.43	9.73	282.36
2600.00	1.38	313.06	2599.94	3.04	3.20	-10.69	0.89	11.16	286.68
2700.00	1.51	282.49	2699.91	4.12	4.31	-12.85	0.77	13.56	288.53
2800.00	1.70	257.16	2799.87	4.03	4.26	-15.59	0.73	16.16	285.30
2900.00	1.53	246.91	2899.83	3.14	3.41	-18.26	0.33	18.58	280.58
3000.00	1.47	241.12	2999.80	1.96	2.27	-20.61	0.16	20.74	276.28
3100.00	1.38	233.44	3099.77	0.59	0.93	-22.70	0.21	22.72	272.35
3200.00	1.39	156.15	3199.74	-1.24	-0.90	-23.18	1.73	23.20	267.79
3300.00	3.06	143.47	3299.67	-4.46	-4.15	-21.10	1.73	21.50	258.87
3400.00	4.19	138.99	3399.46	-9.30	-9.05	-17.11	1.16	19.36	242.13
3500.00	4.09	136.88	3499.20	-14.59	-14.41	-12.28	0.18	18.93	220.43
3600.00	5.01	135.72	3598.89	-20.24	-20.14	-6.79	0.92	21.25	198.64
3700.00	5.71	143.59	3698.45	-27.28	-27.27	-0.79	1.01	27.28	181.66
3800.00	5.52	148.42	3797.97	-35.30	-35.37	4.68	0.51	35.68	172.46
3900.00	4.81	152.87	3897.56	-43.06	-43.20	9.11	0.81	44.15	168.09
4000.00	3.70	159.86	3997.29	-49.78	-49.96	12.13	1.22	51.41	166.35
4100.00	3.22	160.34	4097.11	-55.42	-55.63	14.19	0.48	57.42	165.69
4200.00	2.98	160.03	4196.96	-60.48	-60.72	16.02	0.24	62.80	165.22
4300.00	2.54	155.85	4296.84	-64.92	-65.19	17.82	0.48	67.58	164.71
4400.00	2.53	155.62	4396.74	-68.92	-69.22	19.63	0.01	71.95	164.16
4500.00	2.43	151.63	4496.65	-72.77	-73.10	21.55	0.20	76.21	163.57
4600.00	2.22	151.39	4596.57	-76.30	-76.66	23.49	0.21	80.18	162.97
4700.00	1.85	152.80	4696.51	-79.42	-79.80	25.15	0.37	83.67	162.50
4800.00	1.68	153.95	4796.46	-82.15	-82.55	26.53	0.17	86.71	162.18



Scientific
Drilling

Scientific Drilling International Survey Report

Company: DEVON ENERGY	Date: 12/09/2009	Time: 13:00:05	Page: 2
Field: Delaware	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: North Pure Gold 8 Federal #12H	Section (VS) Reference:	Well (0.00N,0.00E,0.85Azi)	
Wellpath: VH - Job #32K1209539	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	1.37	160.48	4896.42	-84.57	-84.99	27.58	0.35	89.36	162.02
5000.00	1.16	172.05	4996.40	-86.70	-87.12	28.12	0.33	91.55	162.11
5100.00	0.93	174.92	5096.38	-88.50	-88.93	28.33	0.24	93.34	162.33
5200.00	0.85	176.73	5196.37	-90.05	-90.48	28.44	0.08	94.85	162.55
5300.00	0.74	175.15	5296.36	-91.43	-91.87	28.54	0.11	96.20	162.74
5400.00	0.70	187.68	5396.35	-92.68	-93.12	28.51	0.16	97.38	162.98
5500.00	0.71	181.90	5496.34	-93.91	-94.34	28.41	0.07	98.52	163.24
5600.00	0.49	196.59	5596.34	-94.94	-95.37	28.27	0.27	99.47	163.49
5700.00	0.47	201.74	5696.34	-95.73	-96.16	27.99	0.05	100.15	163.77
5800.00	0.58	191.64	5796.33	-96.61	-97.04	27.74	0.14	100.92	164.05
5900.00	0.69	209.10	5896.33	-97.64	-98.06	27.34	0.22	101.80	164.42
6000.00	0.61	189.98	5996.32	-98.70	-99.11	26.96	0.23	102.71	164.78
6100.00	0.64	199.90	6096.31	-99.75	-100.16	26.68	0.11	103.65	165.09
6200.00	0.88	213.64	6196.30	-100.92	-101.32	26.06	0.30	104.62	165.58
6300.00	0.85	218.12	6296.29	-102.16	-102.55	25.18	0.07	105.59	166.20
6400.00	0.80	224.72	6396.28	-103.25	-103.62	24.23	0.11	106.42	166.84
6500.00	0.77	227.34	6496.27	-104.22	-104.58	23.24	0.05	107.13	167.47
6600.00	0.84	232.70	6596.26	-105.14	-105.48	22.17	0.10	107.78	168.13
6700.00	0.59	233.67	6696.26	-105.90	-106.22	21.17	0.25	108.31	168.73
6800.00	0.55	229.66	6796.25	-106.53	-106.84	20.39	0.06	108.77	169.20
6900.00	0.39	236.13	6896.25	-107.04	-107.34	19.74	0.17	109.14	169.58
7000.00	0.28	231.10	6996.25	-107.39	-107.68	19.27	0.11	109.39	169.86
7100.00	0.42	226.04	7096.24	-107.80	-108.09	18.81	0.14	109.72	170.13
7176.00	0.31	214.74	7172.24	-108.17	-108.45	18.50	0.17	110.02	170.32



**Scientific
Drilling**

Field: Delaware

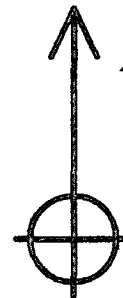
Site: Eddy County, NM

Well: North Pure Gold 8 Federal #12H

Wellpath: VH - Job #32K1209539

Survey: 12/08/09

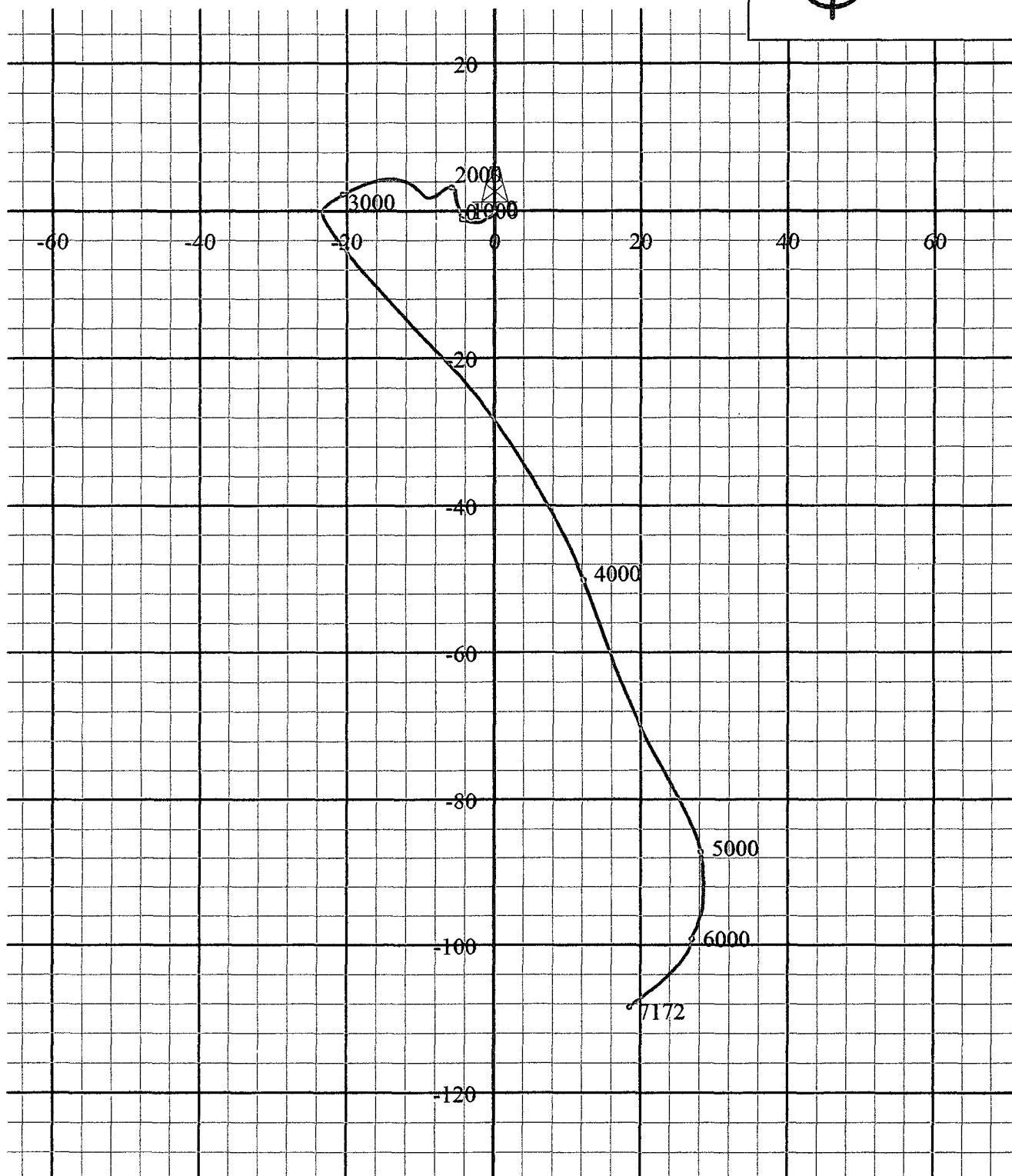
G/T/M



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/09/2009
Model: igrf2000

South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]