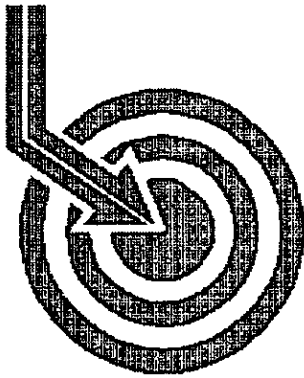




Scientific Drilling

in P.A.

Surface 2370/N 200/E Sec 26
BHL 2501/N 46/W Sec 25

CONOCOPHILLIPS

H
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-7 #222F
Wellpath: DH - Job #32D0107056
Survey: 01/15/07-02/01/07

→ *File amended C102 (both pools)
for actual BHL.*

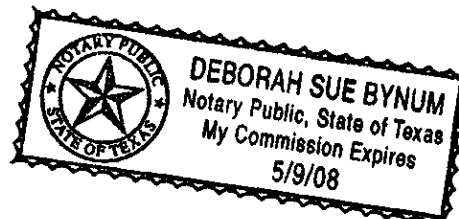
This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature] Company Representative

Notorized this date 14th of March, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas

*[Signature]*



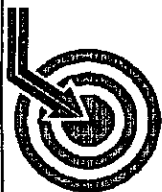
Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 03/13/2007	Time: 14:54:14	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, Grid North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #222F	Section (VS) Reference:	Well (0.00N,0.00E,116.57Azi)	
Wellpath: DH - Job #32D0107056	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 01/15/07-02/01/07	Start Date: 01/15/2007
E-field 0°-3645°	
Company: Scientific Drilling Internatio	Engineer: Calvert/Lowe/Stevens/Rassmusse
Tool: E-field;E-field MWD	Tied-to: From Surface

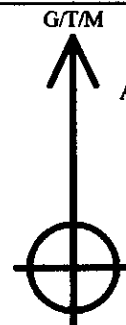
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ChD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
338.00	0.70	216.88	337.99	-0.37	-1.65	-1.24	0.21	2.06	216.88
481.00	0.48	218.54	480.98	-0.61	-2.66	-2.01	0.18	3.33	217.14
584.00	0.19	359.93	583.98	-0.81	-2.85	-2.33	0.52	3.69	219.25
707.00	0.44	2.61	706.98	-1.09	-2.18	-2.31	0.20	3.18	226.69
831.00	0.77	11.88	830.97	-1.50	-0.89	-2.12	0.28	2.30	247.26
989.00	0.43	64.05	988.97	-1.41	0.41	-1.37	0.39	1.43	286.72
1114.00	0.30	96.35	1113.96	-0.81	0.58	-0.62	0.19	0.85	313.11
1239.00	0.27	129.85	1238.96	-0.22	0.35	-0.07	0.13	0.36	349.17
1365.00	0.34	88.89	1364.96	0.40	0.17	0.53	0.18	0.56	72.18
1491.00	0.38	183.62	1490.96	0.89	-0.24	0.88	0.42	0.91	105.12
1616.00	0.30	170.01	1615.96	1.25	-0.97	0.91	0.09	1.33	136.89
1743.00	0.54	178.01	1742.95	1.74	-1.90	0.99	0.19	2.14	152.47
1808.00	0.82	141.23	1805.95	2.29	-2.55	1.28	0.80	2.85	153.27
1869.00	1.39	128.98	1868.94	3.44	-3.38	2.16	0.97	4.01	147.43
1932.00	3.57	121.58	1931.88	6.14	-4.89	4.42	3.49	6.59	137.85
1996.00	5.22	117.61	1995.69	11.04	-7.28	8.70	2.62	11.35	129.92
2057.00	7.29	118.99	2056.32	17.68	-10.44	14.55	3.40	17.91	125.67
2119.00	8.87	113.85	2117.70	26.39	-14.28	22.36	2.80	26.53	122.57
2181.00	11.00	119.22	2178.77	37.07	-19.10	31.90	3.74	37.18	120.92
2244.00	12.28	120.35	2240.47	49.76	-25.42	42.92	2.06	49.89	120.64
2307.00	13.89	116.61	2301.84	64.01	-32.20	55.47	2.89	64.13	120.13
2368.00	14.35	114.72	2360.99	78.89	-38.64	68.88	1.07	78.98	119.29
2432.00	14.98	112.55	2422.91	95.07	-45.13	83.72	1.31	95.11	118.32
2494.00	15.11	115.81	2482.78	111.14	-51.72	98.40	1.38	111.16	117.73
2557.00	14.71	112.94	2543.66	127.33	-58.41	113.16	1.33	127.34	117.30
2619.00	14.46	111.27	2603.67	142.90	-64.29	127.62	0.79	142.90	116.74
2683.00	13.43	112.98	2665.78	158.27	-70.09	141.91	1.73	158.27	116.28
2745.00	12.65	117.18	2726.18	172.25	-76.00	154.58	1.98	172.25	116.18
2808.00	12.61	116.42	2787.66	186.02	-82.21	166.87	0.27	186.02	116.23
2871.00	12.26	116.51	2849.18	199.59	-88.26	179.02	0.56	199.59	116.24
2934.00	12.80	116.68	2910.68	213.25	-94.37	191.24	0.86	213.26	116.27
2997.00	12.31	115.91	2972.17	226.95	-100.44	203.51	0.82	226.95	116.27
3058.00	11.67	117.70	3031.84	239.62	-106.15	214.83	1.21	239.62	116.30
3121.00	10.87	113.97	3093.63	251.92	-111.53	225.90	1.72	251.93	116.28
3183.00	9.26	107.07	3154.67	262.68	-115.37	236.01	3.24	262.70	116.05
3247.00	7.10	108.37	3218.02	271.68	-118.12	244.68	3.39	271.71	115.77
3310.00	5.84	113.06	3280.62	278.73	-120.61	251.33	2.17	278.77	115.64
3374.00	4.38	129.70	3344.36	284.36	-123.44	256.21	3.23	284.39	115.73
3436.00	3.91	135.70	3406.20	288.67	-126.47	259.50	1.03	288.68	115.98
3498.00	3.03	129.47	3468.09	292.26	-129.02	262.25	1.54	292.27	116.20
3562.00	1.96	108.75	3532.03	294.99	-130.45	264.59	2.16	295.00	116.24
3601.00	1.15	86.80	3571.01	295.99	-130.64	265.61	2.54	296.00	116.19
3645.00	0.24	62.04	3615.01	296.43	-130.58	266.13	2.13	296.44	116.13



Scientific
Drilling

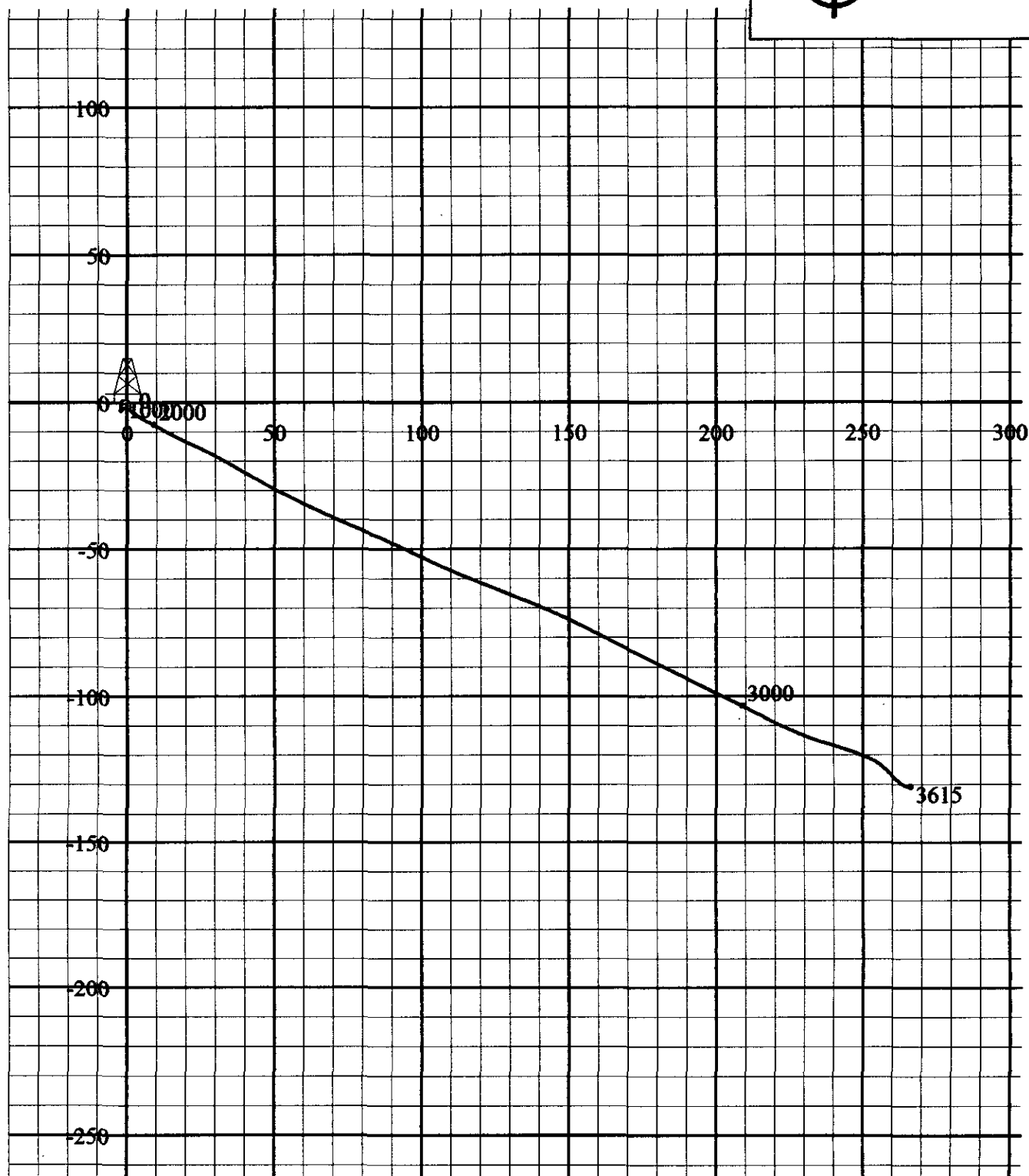
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-7 #222F
Wellpath: DH - Job #32D0107056
Survey: 01/15/07-02/01/07



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 03/13/2007
Model: igrf2000

South(-)/North(+) [50ft/in]



West(-)/East(+) [50ft/in]