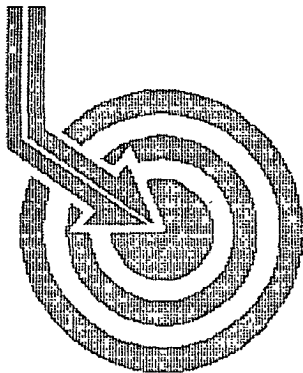




Scientific Drilling

RCVD NOV 6 '07
OIL CONS. DIV.

DIST. 3

30-045-33557

CONOCOPHILLIPS

Field: Blanco
Site: Rio Arriba County, NM
Well: Blanco #7B
Wellpath: DH - Job #33D0607514
Survey: 06/16/07-06/24/07

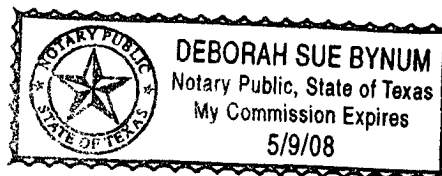
This survey is correct to the best of my knowledge
and is supported by actual field data.

B. Hart.....Company Representative

Notorized this date 23rd of July, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 07/23/2007	Time: 10:03:51	Page: 1
Field: Blanco	Co-ordinate(NE) Reference: Site: Rio Arriba County, NM	Grid North:	
Site: Rio Arriba County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Blanco #7B	Section (VS) Reference: Well (0.00N,0.00E,55.94Azi)		
Wellpath: DH - Job #33D0607514	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 06/16/07-06/24/07	Start Date: 06/16/2007
E-field: 0'-4305'	
Company: Scientific Drilling Internatio	Engineer: Lowe/McCormick/Lockman/Blosser
Tool: E-field;E-field MWD	Tied-to: From Surface

Survey

MD ft	Incl deg	Azin deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
293.00	0.72	63.91	292.99	1.82	0.81	1.65	0.25	1.84	63.91
354.00	1.22	61.29	353.98	2.85	1.29	2.57	0.82	2.87	63.32
415.00	3.04	60.06	414.94	5.11	2.41	4.54	2.98	5.14	62.04
476.00	4.55	55.45	475.80	9.14	4.59	7.93	2.52	9.16	59.95
537.00	6.70	55.64	536.51	15.12	7.97	12.86	3.52	15.13	58.22
597.00	9.17	54.17	595.93	23.40	12.74	19.63	4.13	23.41	57.01
659.00	11.26	54.63	656.94	34.39	19.14	28.57	3.37	34.39	56.18
720.00	14.08	55.95	716.45	47.77	26.74	39.58	4.65	47.77	55.95
781.00	16.35	58.73	775.31	63.77	35.36	53.07	3.91	63.77	56.33
843.00	18.46	58.57	834.47	82.29	45.01	68.90	3.40	82.30	56.85
906.00	20.39	58.07	893.88	103.22	56.01	86.73	3.07	103.25	57.14
969.00	22.39	56.55	952.54	126.19	68.43	106.06	3.29	126.22	57.17
1033.00	22.35	55.96	1011.72	150.55	81.96	126.31	0.36	150.57	57.02
1094.00	22.57	56.20	1068.09	173.85	94.97	145.65	0.39	173.88	56.89
1154.00	23.18	56.20	1123.37	197.17	107.94	165.03	1.02	197.20	56.81
1216.00	22.94	55.83	1180.42	221.46	121.52	185.17	0.45	221.48	56.73
1279.00	22.43	55.71	1238.55	245.76	135.18	205.26	0.81	245.77	56.63
1343.00	22.34	55.11	1297.72	270.13	149.02	225.32	0.38	270.14	56.52
1404.00	22.07	54.84	1354.20	293.18	162.25	244.20	0.47	293.19	56.40
1467.00	22.23	54.75	1412.55	316.93	175.94	263.61	0.26	316.93	56.28
1530.00	22.98	54.53	1470.71	341.14	189.96	283.36	1.20	341.14	56.16
1593.00	23.51	54.36	1528.59	365.99	204.42	303.58	0.85	365.99	56.05
1659.00	23.50	54.16	1589.12	392.30	219.79	324.95	0.12	392.30	55.93
1719.00	23.37	54.18	1644.17	416.15	233.76	344.30	0.22	416.15	55.83
1782.00	23.19	53.73	1702.04	441.04	248.41	364.43	0.40	441.04	55.72
1843.00	22.81	53.49	1758.19	464.85	262.55	383.62	0.64	464.86	55.61
1906.00	22.22	53.61	1816.39	488.96	276.88	403.02	0.94	488.97	55.51
1969.00	22.12	53.20	1874.73	512.71	291.06	422.11	0.29	512.73	55.41
2031.00	21.75	54.18	1932.24	535.85	304.77	440.77	0.84	535.88	55.34
2093.00	22.65	55.00	1989.65	559.27	318.34	459.86	1.54	559.30	55.31
2157.00	24.54	56.48	2048.29	584.88	332.75	481.04	3.09	584.91	55.33
2218.00	23.81	56.34	2103.94	609.86	346.57	501.85	1.20	609.89	55.37
2281.00	24.31	55.80	2161.47	635.54	360.91	523.16	0.87	635.57	55.40
2344.00	25.76	55.66	2218.55	662.20	375.92	545.19	2.30	662.23	55.41
2408.00	26.42	56.29	2276.03	690.35	391.67	568.52	1.12	690.38	55.44
2472.00	25.53	56.10	2333.56	718.38	407.26	591.81	1.40	718.40	55.47
2535.00	24.95	55.15	2390.55	745.24	422.43	613.98	1.12	745.27	55.47
2598.00	24.26	54.45	2447.83	771.47	437.55	635.42	1.19	771.49	55.45
2662.00	23.94	54.03	2506.25	797.59	452.82	656.62	0.57	797.62	55.41
2724.00	23.10	53.07	2563.10	822.31	467.52	676.53	1.49	822.35	55.35
2787.00	22.11	52.87	2621.26	846.49	482.10	695.86	1.58	846.55	55.29
2851.00	21.98	53.32	2680.58	870.48	496.52	715.07	0.33	870.55	55.23
2914.00	20.85	54.77	2739.23	893.47	510.03	733.68	1.98	893.55	55.19
2976.00	19.55	55.22	2797.41	914.87	522.32	751.22	2.11	914.95	55.19
3039.00	18.65	55.35	2856.94	935.49	534.06	768.16	1.43	935.57	55.19
3071.00	18.28	56.76	2887.30	945.62	539.72	776.57	1.81	945.70	55.20
3103.00	17.45	57.21	2917.75	955.44	545.07	784.80	2.63	955.51	55.22
3166.00	18.14	57.99	2977.74	974.68	555.38	801.06	1.16	974.75	55.27



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 07/23/2007	Time: 10:03:51	Page: 2
Field: Blanco	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM; Grid North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Blanco #7B	Section (VS) Reference:	Well (0.00N,0.00E,55.94Azi)	
Wellpath: DH- Job #33D0607514	Survey Calculation Method:	Minimum Curvature Db: Sybase	

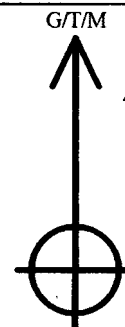
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3259.00	17.42	53.73	3066.30	1003.06	571.29	824.56	1.60	1003.13	55.28
3291.00	16.52	52.52	3096.91	1012.39	576.89	832.03	3.02	1012.46	55.26
3322.00	16.53	53.65	3126.63	1021.20	582.19	839.08	1.04	1021.27	55.25
3354.00	17.28	54.27	3157.24	1030.50	587.66	846.60	2.41	1030.57	55.23
3386.00	17.80	54.27	3187.76	1040.14	593.29	854.43	1.62	1040.22	55.22
3417.00	18.30	53.20	3217.23	1049.73	598.98	862.18	1.94	1049.82	55.21
3448.00	18.60	52.76	3246.64	1059.53	604.88	870.01	1.07	1059.62	55.19
3480.00	18.67	52.47	3276.96	1069.74	611.09	878.13	0.36	1069.84	55.17
3512.00	18.47	52.04	3307.29	1079.91	617.33	886.19	0.76	1080.01	55.14
3544.00	18.29	51.83	3337.66	1089.97	623.55	894.14	0.60	1090.09	55.11
3574.00	17.92	54.06	3366.18	1099.28	629.17	901.57	2.62	1099.40	55.09
3605.00	17.84	55.39	3395.68	1108.80	634.67	909.34	1.34	1108.92	55.09
3637.00	17.19	54.57	3426.19	1118.43	640.19	917.23	2.17	1118.55	55.09
3669.00	17.42	55.23	3456.75	1127.94	645.66	925.02	0.94	1128.07	55.08
3700.00	17.38	54.53	3486.33	1137.21	651.00	932.60	0.69	1137.34	55.08
3732.00	15.94	53.34	3516.98	1146.38	656.39	940.02	4.62	1146.51	55.07
3763.00	15.23	53.05	3546.84	1154.70	661.38	946.69	2.30	1154.84	55.06
3795.00	14.11	53.74	3577.80	1162.79	666.22	953.19	3.54	1162.94	55.05
3826.00	13.31	53.30	3607.92	1170.14	670.58	959.10	2.60	1170.28	55.04
3858.00	12.43	53.34	3639.11	1177.26	674.84	964.82	2.75	1177.40	55.03
3889.00	11.56	52.77	3669.43	1183.69	678.71	969.97	2.83	1183.84	55.02
3920.00	10.32	52.93	3699.87	1189.56	682.27	974.65	4.00	1189.72	55.01
3952.00	8.87	53.25	3731.42	1194.89	685.47	978.92	4.53	1195.05	55.00
3982.00	8.18	56.04	3761.09	1199.34	688.05	982.54	2.68	1199.50	55.00
4013.00	7.13	54.00	3791.81	1203.46	690.41	985.93	3.50	1203.63	55.00
4045.00	6.38	54.10	3823.59	1207.23	692.62	988.97	2.34	1207.39	54.99
4076.00	5.88	53.48	3854.41	1210.53	694.57	991.65	1.63	1210.70	54.99
4108.00	5.80	55.90	3886.25	1213.79	696.46	994.30	0.81	1213.96	54.99
4139.00	4.91	54.38	3917.11	1216.68	698.11	996.68	2.91	1216.85	54.99
4170.00	4.87	59.64	3948.00	1219.32	699.54	998.89	1.45	1219.49	55.00
4202.00	4.64	58.81	3979.89	1221.97	700.90	1001.17	0.75	1222.13	55.00
4234.00	4.12	61.47	4011.80	1224.41	702.12	1003.29	1.74	1224.57	55.01
4263.00	3.57	55.22	4040.73	1226.35	703.13	1004.94	2.38	1226.50	55.02
4295.00	3.45	58.73	4072.67	1228.30	704.20	1006.59	0.77	1228.46	55.02
4305.00	2.75	61.38	4082.66	1228.84	704.47	1007.05	7.14	1229.00	55.03



**Scientific
Drilling**

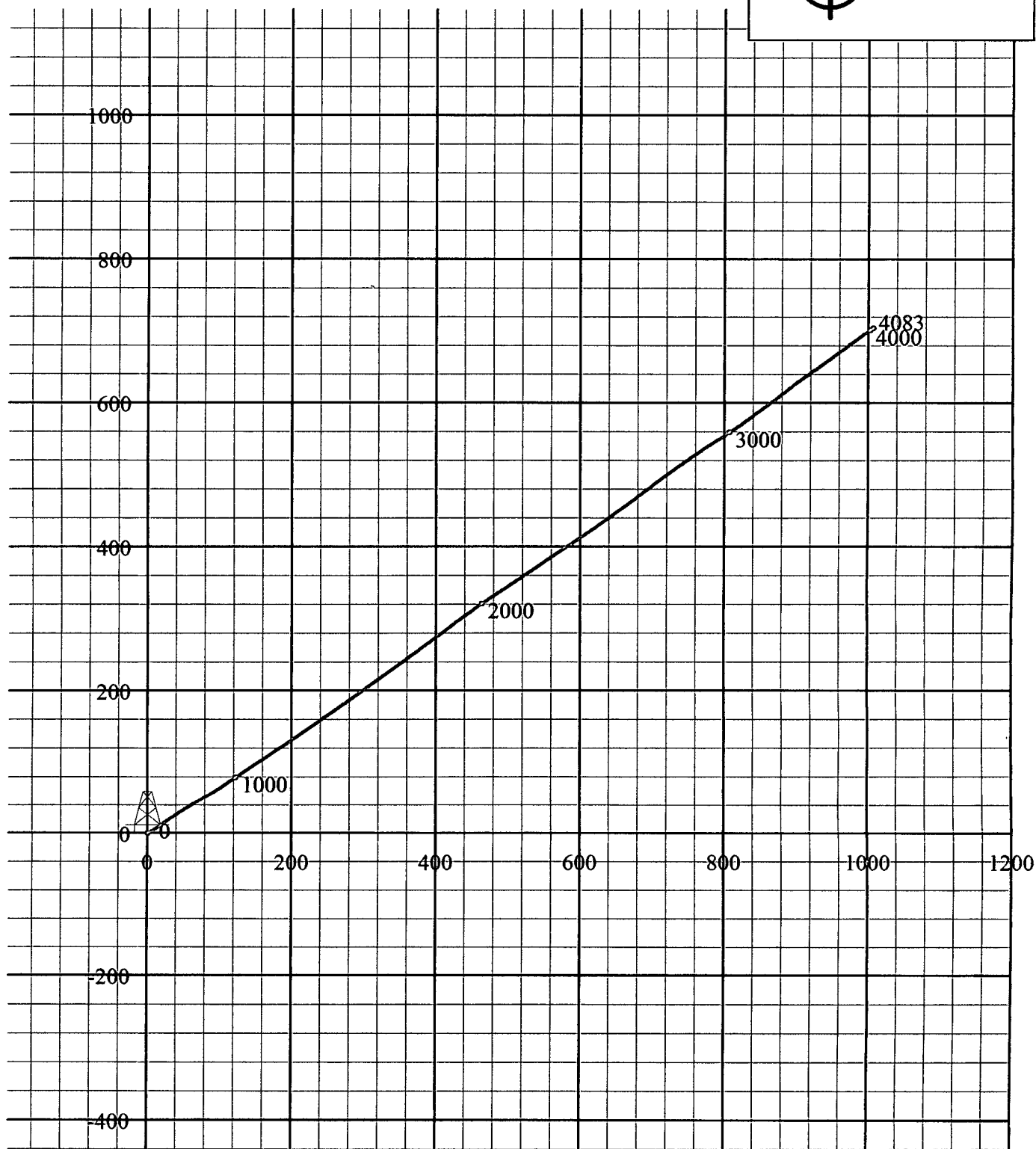
Field: Blanco
Site: Rio Arriba County, NM
Well: Blanco #7B
Wellpath: DH - Job #33D0607514
Survey: 06/16/07-06/24/07



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 07/22/2007
Model: igrf2000

South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]