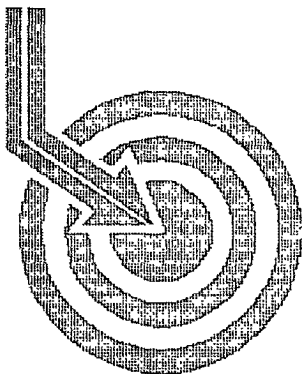




Scientific Drilling

32 039 30200

CONOCOPHILLIPS

10
9-10-07

Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #194F
Wellpath: DH - Job #32D0407337
Survey: 04/24/07-04/29/07

surface 1015/N 1495/E
Int. B.H.L. 2007/N 2200/E md 4129 TVd3902

WA. PA

RCVD SEP 7 '07
OIL CONS. DIV.
DIST. 3

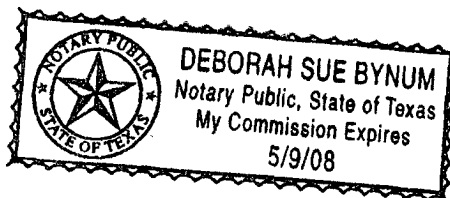
This survey is correct to the best of my knowledge
and is supported by actual field data.

Deborah Sue Bynum.....Company Representative

Notorized this date 25th of June, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas



File "As Drilled" Plat

Dr



Scientific
Drilling

Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS Date: 06/20/2007 Time: 16:39:59 Page: 1
Field: San Juan Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Site: San Juan County, NM Vertical (TVD) Reference: SITE 0.0
Well: San Juan 28-7 #194F Section (VS) Reference: Well (0.00N,0.00E,215.59Azi)
Wellpath: DH - Job #32D0407337 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 04/24/07-04/29/07 Start Date: 04/24/2007
E-field 0'-4082' w/projection @ 4129'
Company: Scientific Drilling Internatio Engineer: Lowe/Drake/Oleniczak
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	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
263.00	0.79	41.06	262.99	-1.80	1.37	1.19	0.30	1.81	41.06
323.00	0.48	279.44	322.99	-2.11	1.72	1.21	1.86	2.11	35.23
385.00	1.60	238.85	384.98	-1.20	1.32	0.22	2.06	1.33	9.40
444.00	3.77	220.56	443.91	1.49	-0.58	-1.75	3.91	1.84	251.51
506.00	6.12	219.89	505.68	6.82	-4.67	-5.19	3.79	6.98	228.04
557.00	8.19	220.25	556.28	13.15	-9.53	-9.29	4.06	13.30	224.26
629.00	11.49	216.05	627.21	25.44	-19.24	-16.82	4.69	25.56	221.16
690.00	13.91	211.42	686.71	38.83	-30.41	-24.22	4.30	38.88	218.53
753.00	16.46	213.45	747.51	55.30	-44.33	-33.09	4.13	55.31	216.74
814.00	18.89	215.26	805.63	73.82	-59.60	-43.55	4.08	73.82	216.16
876.00	21.81	213.81	863.75	95.37	-77.37	-55.76	4.78	95.37	215.78
940.00	23.93	214.05	922.72	120.23	-98.01	-69.64	3.32	120.23	215.40
1003.00	24.27	213.51	980.22	145.94	-119.39	-83.95	0.64	145.95	215.11
1065.00	24.54	212.14	1036.68	171.53	-140.91	-97.83	1.01	171.55	214.77
1128.00	24.96	212.50	1093.90	197.86	-163.20	-111.93	0.71	197.90	214.44
1191.00	24.68	212.80	1151.08	224.27	-185.47	-126.20	0.49	224.33	214.23
1253.00	24.77	213.25	1207.39	250.18	-207.21	-140.33	0.34	250.26	214.11
1317.00	25.11	213.09	1265.43	277.14	-229.80	-155.10	0.54	277.24	214.02
1379.00	24.52	215.17	1321.70	303.15	-251.34	-169.69	1.70	303.26	214.03
1442.00	23.06	216.18	1379.35	328.56	-271.99	-184.51	2.41	328.66	214.15
1506.00	23.20	217.24	1438.20	353.69	-292.14	-199.53	0.69	353.78	214.33
1570.00	23.43	215.09	1496.98	379.02	-312.59	-214.48	1.38	379.09	214.46
1632.00	23.66	215.83	1553.82	403.79	-332.76	-228.85	0.60	403.86	214.52
1694.00	23.82	215.81	1610.57	428.75	-353.00	-243.45	0.26	428.81	214.59
1757.00	24.13	215.83	1668.14	454.35	-373.76	-258.44	0.49	454.40	214.66
1819.00	24.63	214.46	1724.61	479.94	-394.69	-273.16	1.22	480.00	214.69
1882.00	23.28	217.17	1782.18	505.51	-415.43	-288.12	2.76	505.56	214.74
1945.00	23.67	216.11	1839.97	530.60	-435.57	-303.09	0.91	530.64	214.83
2009.00	23.05	217.42	1898.72	555.97	-455.90	-318.28	1.26	556.01	214.92
2073.00	21.78	219.35	1957.89	580.34	-475.03	-333.42	2.29	580.36	215.06
2136.00	22.03	218.26	2016.34	603.81	-493.35	-348.15	0.76	603.82	215.21
2197.00	22.18	217.60	2072.85	626.74	-511.45	-362.26	0.48	626.75	215.31
2260.00	22.30	217.47	2131.17	650.57	-530.36	-376.78	0.21	650.58	215.39
2323.00	22.10	217.64	2189.50	674.36	-549.23	-391.29	0.33	674.36	215.47
2385.00	22.35	216.07	2246.89	697.80	-568.00	-405.35	1.04	697.81	215.51
2447.00	22.61	217.06	2304.18	721.51	-587.04	-419.48	0.74	721.51	215.55
2511.00	22.78	215.80	2363.22	746.20	-606.90	-434.14	0.80	746.20	215.58
2573.00	22.32	216.49	2420.48	769.97	-626.10	-448.16	0.86	769.97	215.59
2636.00	22.32	215.08	2478.76	793.89	-645.51	-462.15	0.85	793.90	215.60
2700.00	21.60	214.83	2538.12	817.83	-665.13	-475.86	1.13	817.83	215.58
2763.00	21.88	215.37	2596.64	841.16	-684.22	-489.28	0.55	841.16	215.57
2825.00	21.03	214.77	2654.34	863.84	-702.78	-502.31	1.42	863.84	215.56
2889.00	22.35	215.69	2713.81	887.49	-722.09	-515.96	2.13	887.49	215.55
2952.00	21.67	215.20	2772.22	911.10	-741.33	-529.66	1.12	911.10	215.54
3015.00	22.65	215.44	2830.56	934.86	-760.72	-543.40	1.56	934.86	215.54
3079.00	22.78	216.44	2889.60	959.57	-780.72	-557.90	0.64	959.57	215.55
3142.00	22.56	216.37	2947.73	983.85	-800.27	-572.31	0.35	983.85	215.57
3204.00	21.89	216.78	3005.13	1007.30	-819.10	-586.28	1.11	1007.30	215.59



Scientific
Drilling

Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 06/20/2007	Time: 16:39:59	Page: 2
Field: San Juan	Co-ordinate(NE) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #194F	Section (VS) Reference:	Well (0.00N,0.00E,215.59Azi)	
Wellpath: DH --Job #32D0407337	Survey Calculation Method:	Minimum Curvature	Db: Sybase

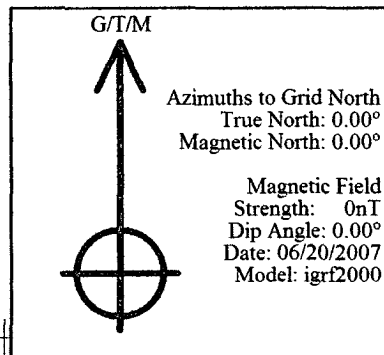
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3268.00	20.17	213.93	3064.86	1030.26	-837.81	-599.59	3.13	1030.26	215.59
3331.00	18.57	213.10	3124.30	1051.14	-855.23	-611.13	2.58	1051.14	215.55
3394.00	18.19	211.46	3184.08	1070.97	-872.02	-621.74	1.02	1070.97	215.49
3457.00	17.03	213.16	3244.13	1090.00	-888.13	-631.92	2.01	1090.00	215.43
3519.00	15.85	215.31	3303.59	1107.53	-902.64	-641.78	2.14	1107.54	215.41
3581.00	15.10	215.35	3363.35	1124.08	-916.14	-651.35	1.21	1124.08	215.41
3645.00	14.91	214.48	3425.16	1140.64	-929.72	-660.83	0.46	1140.65	215.40
3706.00	13.84	215.09	3484.25	1155.79	-942.16	-669.47	1.77	1155.79	215.40
3768.00	12.73	214.95	3544.59	1170.03	-953.83	-677.64	1.79	1170.04	215.39
3832.00	11.35	216.70	3607.18	1183.38	-964.66	-685.45	2.23	1183.39	215.40
3895.00	8.31	216.21	3669.25	1194.13	-973.31	-691.84	4.83	1194.14	215.41
3957.00	6.77	217.09	3730.71	1202.27	-979.84	-696.69	2.49	1202.27	215.41
4018.00	6.03	215.74	3791.33	1209.07	-985.31	-700.73	1.24	1209.07	215.42
4082.00	3.89	213.22	3855.09	1214.60	-989.85	-703.89	3.36	1214.60	215.42
4129.00	2.32	211.37	3902.02	1217.14	-992.00	-705.25	3.35	1217.15	215.41

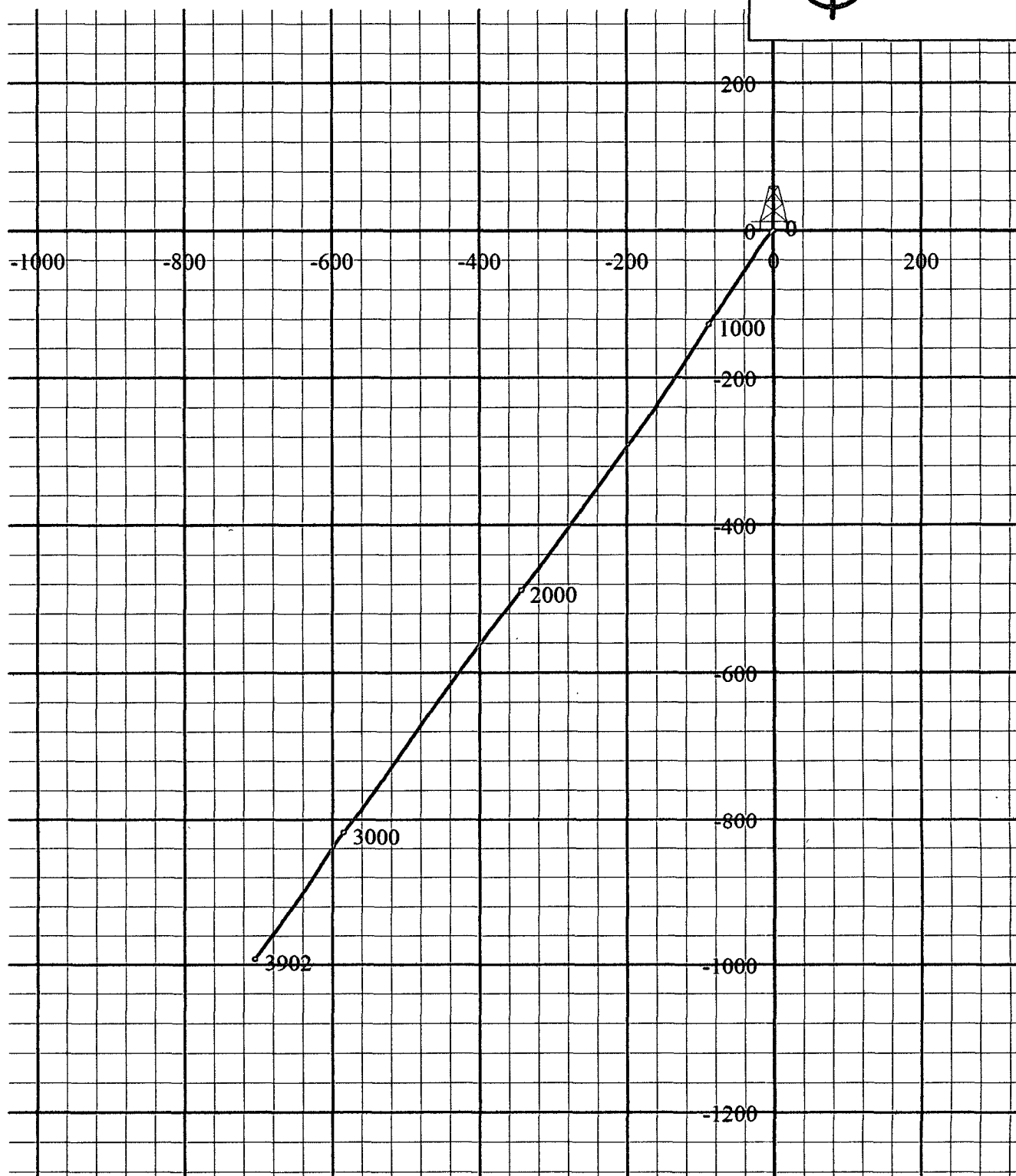


Scientific
Drilling

Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #194F
Wellpath: DH - Job #32D0407337
Survey: 04/24/07-04/29/07



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



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