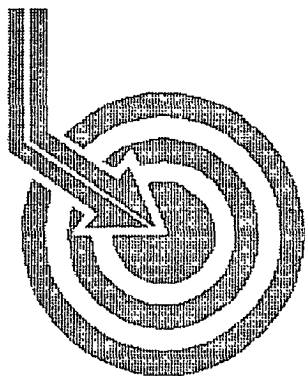


30045 34354



Scientific Drilling

RCVD DEC 11 '07
OIL CONS. DIV.
DIST. 3

CONOCOPHILLIPS

Field: State
Site: San Juan County, NM
Well: State Com AG #29M
Wellpath: DH - Job #33D0907843
Survey: 09/21/07-09/25/07
Surface 2135/N 1075/W

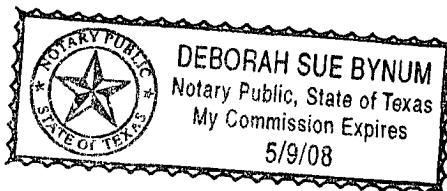
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....L. Wharton..... Company Representative

Notorized this date 25th of October, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS Date: 10/22/2007 Time: 17:05:16 Page: 1
Field: State Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Site: San Juan County, NM Vertical (TVD) Reference: SITE 0.0
Well: State Com AG #29M Section (VS) Reference: Well (0.00N,0.00E,236.69Azi)
Wellpath: DH - Job #33D0907843 Survey Calculation Method: Minimum Curvature Db: Sybase

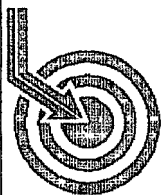
Survey: 09/21/07-09/25/07 Start Date: 09/21/2007
E-field 0'-3762'
Company: Scientific Drilling Internatio Engineer: Vestal/Gillespie/Kelly/Geiser/
Tool: E-field;E-field MWD Tied-to: From Surface

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
398.00	0.05	76.46	398.00	-0.16	0.04	0.17	0.01	0.17	76.46
832.00	0.53	3.36	831.99	-1.54	2.09	0.47	0.12	2.14	12.70
1342.00	0.85	302.52	1341.96	-1.40	6.48	-2.58	0.15	6.97	338.27
1405.00	0.44	341.20	1404.96	-1.27	6.96	-3.05	0.91	7.60	336.31
1469.00	0.51	284.77	1468.96	-1.14	7.26	-3.41	0.71	8.02	334.86
1532.00	1.01	242.70	1531.95	-0.40	7.08	-4.17	1.14	8.22	329.49
1596.00	1.90	232.48	1595.93	1.22	6.17	-5.51	1.44	8.28	318.23
1660.00	3.16	242.39	1659.87	4.03	4.71	-7.92	2.08	9.21	300.75
1724.00	4.32	245.49	1723.73	8.17	2.89	-11.68	1.84	12.03	283.92
1788.00	5.25	244.56	1787.51	13.45	0.64	-16.51	1.46	16.53	272.20
1852.00	6.11	235.24	1851.19	19.76	-2.56	-21.96	1.97	22.11	263.34
1916.00	7.44	234.51	1914.74	27.30	-6.91	-28.13	2.08	28.97	256.19
1980.00	8.72	233.47	1978.11	36.29	-12.21	-35.40	2.01	37.45	250.98
2043.00	9.75	237.81	2040.29	46.39	-17.89	-43.75	1.97	47.27	247.76
2107.00	11.06	237.67	2103.24	57.95	-24.06	-53.53	2.05	58.69	245.80
2171.00	12.28	231.57	2165.91	70.86	-31.57	-64.05	2.71	71.41	243.76
2235.00	12.54	234.95	2228.42	84.59	-39.80	-75.07	1.21	84.96	242.07
2299.00	12.77	235.49	2290.87	98.60	-47.79	-86.58	0.40	98.90	241.10
2363.00	14.07	237.25	2353.12	113.46	-56.01	-98.95	2.13	113.71	240.49
2426.00	15.20	238.40	2414.07	129.37	-64.48	-112.43	1.85	129.61	240.17
2490.00	14.15	237.95	2475.98	145.58	-73.03	-126.21	1.65	145.81	239.95
2554.00	13.98	235.17	2538.07	161.13	-81.59	-139.18	1.09	161.34	239.62
2618.00	14.36	233.60	2600.12	176.78	-90.72	-151.92	0.84	176.94	239.16
2682.00	15.03	235.35	2662.02	193.00	-100.15	-165.13	1.26	193.13	238.76
2746.00	14.67	231.06	2723.89	209.36	-109.96	-178.26	1.81	209.45	238.33
2809.00	13.14	234.84	2785.04	224.46	-119.10	-190.32	2.82	224.51	237.96
2873.00	12.58	232.75	2847.44	238.68	-127.50	-201.82	1.14	238.72	237.72
2935.00	12.97	234.44	2907.90	252.37	-135.64	-212.85	0.87	252.40	237.49
2999.00	12.29	234.32	2970.35	266.35	-143.79	-224.23	1.06	266.37	237.33
3063.00	12.80	236.95	3032.83	280.25	-151.63	-235.70	1.20	280.26	237.25
3127.00	13.87	236.86	3095.10	295.01	-159.69	-248.07	1.67	295.02	237.23
3190.00	14.53	236.04	3156.17	310.46	-168.23	-260.95	1.10	310.48	237.19
3254.00	14.25	232.65	3218.17	326.35	-177.49	-273.87	1.39	326.36	237.05
3318.00	13.36	231.15	3280.32	341.57	-186.91	-285.89	1.50	341.57	236.82
3382.00	11.88	230.46	3342.77	355.48	-195.74	-296.73	2.32	355.48	236.59
3446.00	9.79	228.52	3405.63	367.41	-203.54	-305.89	3.31	367.42	236.36
3509.00	8.60	229.19	3467.81	377.38	-210.17	-313.46	1.90	377.40	236.16
3573.00	8.05	233.22	3531.14	386.60	-215.98	-320.68	1.25	386.63	236.04
3637.00	6.47	233.11	3594.63	394.67	-220.83	-327.15	2.47	394.70	235.98
3669.00	5.53	234.15	3626.45	398.01	-222.81	-329.84	2.96	398.05	235.96
3701.00	4.64	232.48	3658.32	400.84	-224.50	-332.12	2.82	400.88	235.94
3733.00	3.72	230.58	3690.24	403.17	-225.95	-333.95	2.91	403.20	235.92
3762.00	2.92	228.84	3719.19	404.84	-227.04	-335.23	2.78	404.87	235.89

TD 6480

6437



Scientific
Drilling

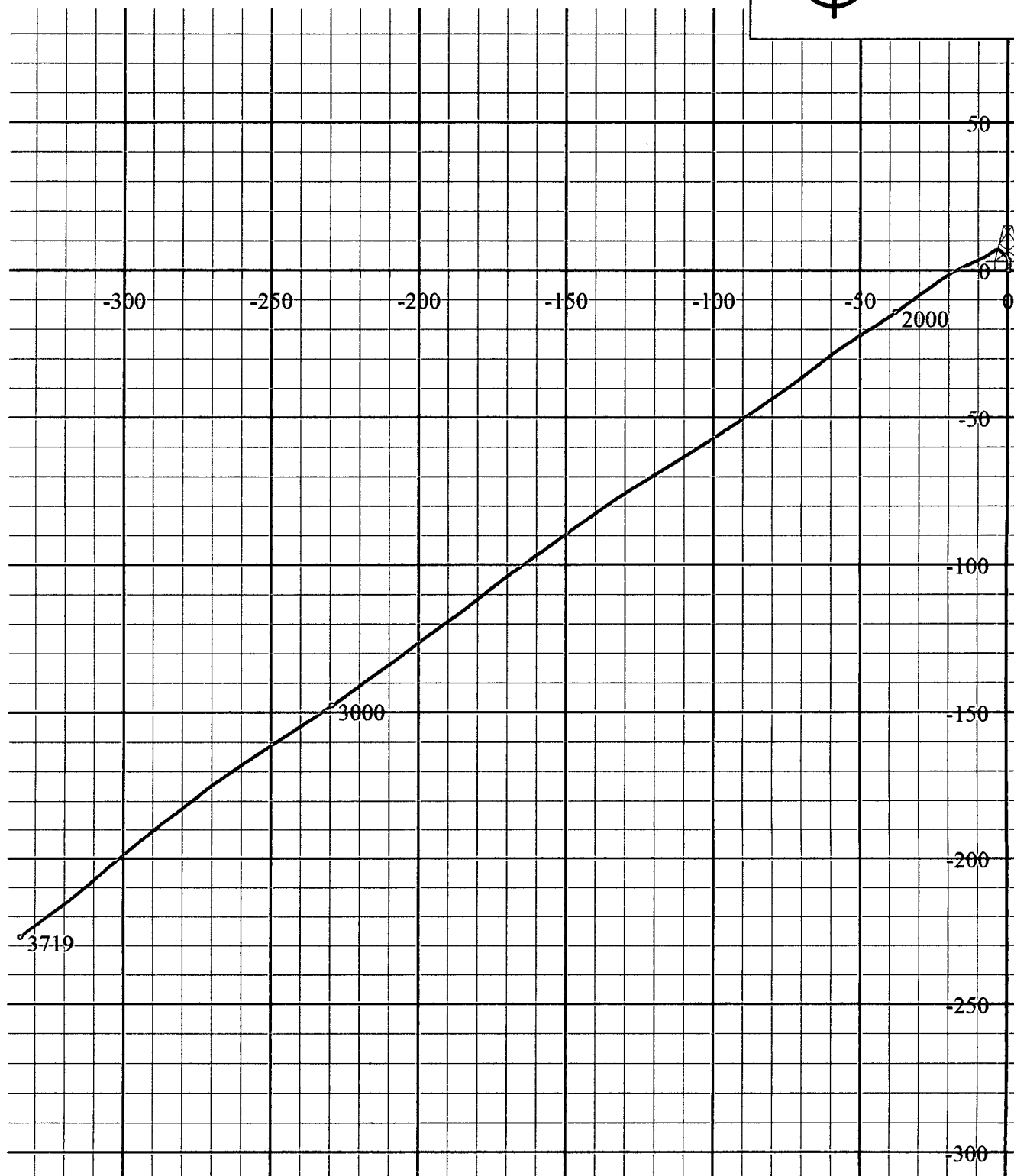
Field: State
Site: San Juan County, NM
Well: State Com AG #29M
Wellpath: DH - Job #33D0907843
Survey: 09/21/07-09/25/07



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

Magnetic Field
Strength: OnT
Dip Angle: 0.00°
Date: 10/22/2007
Model: igrf2000

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



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