

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 80240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1620 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RCVD FEB 15 '08

☐ AMENDED REPORT

"AS Drilled Plat"

WELL LOCATION AND ACREAGE DEDICATION PLAT OIL CONS. DIV.

¹ API Number 30-039-30227	² Pool Code 71599 / 72319	³ Pool Name Basin Dakota / Blanco Mesaverde	⁴ DIST. 3
⁵ Property Code 7465	⁶ Property Name SAN JUAN 29-7 UNIT		⁷ Well Number 29M
⁸ GRID No. 14538	⁹ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		¹⁰ Elevation 6305'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	13	29-N	7-W		2100'	SOUTH	2625'	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	13	29-N	7-W		846'	SOUTH	2164'	WEST	RIO ARRIBA

¹² Dedicated Acres 320 acres dk/mv w2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

USA SF-078423 Surface LAT: 36°43.4513' N. LONG: 107°31.2990' W. NAD 1927 LAT: 36.724195° N. LONG: 107.522255° W. NAD 1983 Bottom Hole LAT: LONG: NAD 1983 2164' USA SF-079514 2637.38' 846' 2100' 2625' 2638.83' 2651.73'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Tamra Sessions</i> 2/13/08 Signature Date Tamra Sessions Printed Name ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 2/1/2007 Date of Survey Signature and Seal of Professional Surveyor: 15703 Certificate Number
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Survey Data

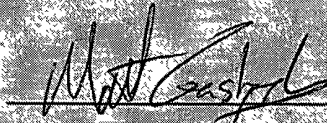
Date	MD (ftKB)	Incl. (°)	Method	Survey Company
8/11/2007	4,498.00	7.76	MWD	Scientific Drilling
8/11/2007	4,561.00	6.53	MWD	Scientific Drilling
8/11/2007	4,625.00	5.25	MWD	Scientific Drilling
8/11/2007	4,688.00	3.41	MWD	Scientific Drilling
8/11/2007	4,720.00	2.16	MWD	Scientific Drilling
8/18/2007	7,859.00	0.75	Final	Scientific Drilling
8/18/2007	7,859.00	0.75	Final	Scientific Drilling

RCVD FEB 15 '08

OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to me this 2-13-08



Notary Public in and for San Juan County, New Mexico

My Commission expires

January 10, 2011

COP Deviation Report

SAN JUAN 29-7 UNIT #29M

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/6/2007	2,332.00	24.10	MWD	Scientific Drilling
8/6/2007	2,395.00	24.47	MWD	Scientific Drilling
8/6/2007	2,459.00	25.68	MWD	Scientific Drilling
8/6/2007	2,522.00	26.28	MWD	Scientific Drilling
8/6/2007	2,585.00	25.25	MWD	Scientific Drilling
8/6/2007	2,648.00	24.26	MWD	Scientific Drilling
8/6/2007	2,711.00	24.01	MWD	Scientific Drilling
8/6/2007	2,773.00	23.84	MWD	Scientific Drilling
8/6/2007	2,837.00	23.56	MWD	Scientific Drilling
8/6/2007	2,901.00	23.28	MWD	Scientific Drilling
8/6/2007	2,964.00	22.65	MWD	Scientific Drilling
8/7/2007	3,025.00	21.48	MWD	Scientific Drilling
8/7/2007	3,087.00	20.58	MWD	Scientific Drilling
8/7/2007	3,149.00	19.14	MWD	Scientific Drilling
8/7/2007	3,212.00	19.26	MWD	Scientific Drilling
8/7/2007	3,276.00	19.43	MWD	Scientific Drilling
8/8/2007	3,307.00	19.66	MWD	Scientific Drilling
8/8/2007	3,463.00	16.32	MWD	Scientific Drilling
8/8/2007	3,494.00	15.65	MWD	Scientific Drilling
8/8/2007	3,523.00	15.94	MWD	Scientific Drilling
8/8/2007	3,555.00	16.16	MWD	Scientific Drilling
8/10/2007	3,618.00	18.46	MWD	Scientific Drilling
8/10/2007	3,650.00	19.18	MWD	Scientific Drilling
8/10/2007	3,682.00	19.27	MWD	Scientific Drilling
8/10/2007	3,713.00	19.61	MWD	Scientific Drilling
8/11/2007	3,745.00	19.80	MWD	Scientific Drilling
8/11/2007	3,777.00	20.83	MWD	Scientific Drilling
8/11/2007	3,808.00	22.27	MWD	Scientific Drilling
8/11/2007	3,840.00	23.32	MWD	Scientific Drilling
8/11/2007	3,871.00	22.40	MWD	Scientific Drilling
8/11/2007	3,932.00	20.30	MWD	Scientific Drilling
8/11/2007	3,995.00	18.71	MWD	Scientific Drilling
8/11/2007	4,058.00	17.30	MWD	Scientific Drilling
8/11/2007	4,121.00	15.08	MWD	Scientific Drilling
8/11/2007	4,184.00	14.14	MWD	Scientific Drilling
8/11/2007	4,248.00	13.69	MWD	Scientific Drilling
8/11/2007	4,310.00	12.27	MWD	Scientific Drilling
8/11/2007	4,374.00	11.24	MWD	Scientific Drilling
8/11/2007	4,436.00	9.46	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____



COP Deviation Report
SAN JUAN 29-7 UNIT #29M

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName SAN JUAN 29-7 UNIT #29M	API / UWI 3003930227	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:13;TWN:029N;RNG:007W - J	N/S Dist (ft) 2,100.00	N/S Ref FSL	E/W Dist (ft) 2,625.00	E/W Ref FEL

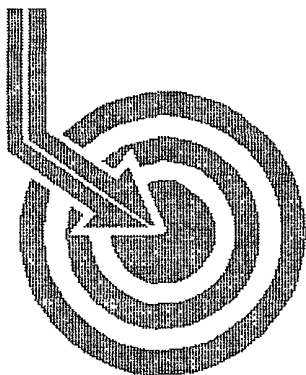
Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/27/2007	115.00	1.00	DEVIATION	
6/28/2007	215.00	2.25	DEVIATION	MO-TE
8/5/2007	258.00	1.81	MWD	Scientific Drilling
8/5/2007	307.00	0.66	MWD	Scientific Drilling
8/5/2007	369.00	1.14	MWD	Scientific Drilling
8/5/2007	429.00	2.68	MWD	Scientific Drilling
8/5/2007	489.00	5.30	MWD	Scientific Drilling
8/5/2007	550.00	8.40	MWD	Scientific Drilling
8/5/2007	611.00	11.31	MWD	Scientific Drilling
8/5/2007	673.00	13.75	MWD	Scientific Drilling
8/5/2007	734.00	16.03	MWD	Scientific Drilling
8/5/2007	828.00	19.02	MWD	Scientific Drilling
8/5/2007	890.00	20.62	MWD	Scientific Drilling
8/5/2007	953.00	22.38	MWD	Scientific Drilling
8/5/2007	1,016.00	23.74	MWD	Scientific Drilling
8/5/2007	1,078.00	24.17	MWD	Scientific Drilling
8/5/2007	1,141.00	24.13	MWD	Scientific Drilling
8/5/2007	1,203.00	24.19	MWD	Scientific Drilling
8/5/2007	1,266.00	24.00	MWD	Scientific Drilling
8/5/2007	1,328.00	23.50	MWD	Scientific Drilling
8/5/2007	1,391.00	23.39	MWD	Scientific Drilling
8/5/2007	1,454.00	24.36	MWD	Scientific Drilling
8/5/2007	1,517.00	24.51	MWD	Scientific Drilling
8/5/2007	1,579.00	23.96	MWD	Scientific Drilling
8/5/2007	1,642.00	24.38	MWD	Scientific Drilling
8/5/2007	1,705.00	23.91	MWD	Scientific Drilling
8/6/2007	1,768.00	24.26	MWD	Scientific Drilling
8/6/2007	1,830.00	25.91	MWD	Scientific Drilling
8/6/2007	1,893.00	26.52	MWD	Scientific Drilling
8/6/2007	1,955.00	26.47	MWD	Scientific Drilling
8/6/2007	2,018.00	25.03	MWD	Scientific Drilling
8/6/2007	2,080.00	25.40	MWD	Scientific Drilling
8/6/2007	2,142.00	26.31	MWD	Scientific Drilling
8/6/2007	2,205.00	25.80	MWD	Scientific Drilling
8/6/2007	2,269.00	25.16	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____



Scientific Drilling

RCVD FEB 15 '08

OIL CONS. DIV.

DIST. 3

CONOCOPHILLIPS

Field: San Juan

Site: San Juan County, NM

Well: San Juan 29-7 #29M

Wellpath: DH - Job #33D0807664

Survey: 08/04/07-08/13/07

AS
2-15-08

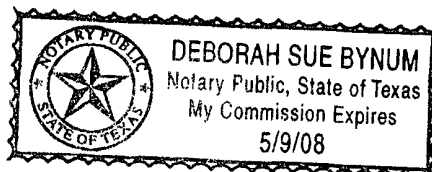
This survey is correct to the best of my knowledge
and is supported by actual field data.

Skharth.....Company Representative

Notorized this date 7th of September, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: CONOCOPHILLIPS Date: 09/06/2007 Time: 21:43:09 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 29-7 #29M Section (VS) Reference: Well (0.00N,0.00E,209.31Azi)
Wellpath: DH- Job #33D0807664 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 08/04/07-08/13/07 Start Date: 08/04/2007
Company: Scientific Drilling Internatio Engineer: Calvert/Lockman/Geiser/Heikkin
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
246.00	1.67	355.37	245.97	-2.97	3.57	-0.29	0.68	3.58	355.37
258.00	1.81	355.76	257.96	-3.28	3.94	-0.32	1.17	3.95	355.39
307.00	0.66	342.95	306.95	-4.12	4.98	-0.46	2.40	5.00	354.75
369.00	1.14	237.38	368.94	-3.82	4.99	-1.08	2.36	5.10	347.76
429.00	2.68	222.62	428.91	-1.93	3.63	-2.53	2.67	4.43	325.10
489.00	5.30	215.85	488.76	2.19	0.35	-5.11	4.43	5.12	273.96
550.00	8.40	214.73	549.31	9.43	-5.59	-9.30	5.09	10.85	238.97
611.00	11.31	209.51	609.41	19.85	-14.46	-14.78	4.99	20.68	225.63
673.00	13.75	206.00	669.93	33.29	-26.38	-21.01	4.12	33.72	218.54
734.00	16.03	207.95	728.88	48.94	-40.34	-28.14	3.83	49.18	214.90
828.00	19.02	207.90	818.50	77.24	-65.34	-41.39	3.18	77.35	212.35
890.00	20.62	208.14	876.83	98.25	-83.90	-51.27	2.58	98.32	211.43
953.00	22.38	209.70	935.44	121.34	-104.10	-62.44	2.94	121.39	210.96
1016.00	23.74	210.17	993.41	146.02	-125.48	-74.76	2.18	146.06	210.78
1078.00	24.17	210.09	1050.07	171.19	-147.26	-87.39	0.70	171.24	210.69
1141.00	24.13	210.18	1107.55	196.96	-169.55	-100.33	0.09	197.01	210.62
1203.00	24.19	210.78	1164.12	222.33	-191.42	-113.20	0.41	222.39	210.60
1266.00	24.00	210.06	1221.63	248.04	-213.59	-126.23	0.56	248.10	210.58
1328.00	23.50	210.10	1278.38	273.01	-235.20	-138.74	0.81	273.07	210.54
1391.00	23.39	209.12	1336.18	298.08	-256.99	-151.13	0.64	298.14	210.46
1454.00	24.36	208.31	1393.79	323.57	-279.36	-163.38	1.63	323.62	210.32
1517.00	24.51	207.73	1451.15	349.63	-302.36	-175.62	0.45	349.66	210.15
1579.00	23.96	206.92	1507.68	375.06	-324.97	-187.30	1.04	375.08	209.96
1642.00	24.38	206.50	1565.16	400.83	-348.01	-198.89	0.72	400.84	209.75
1705.00	23.91	206.77	1622.65	426.57	-371.05	-210.45	0.77	426.57	209.56
1768.00	24.26	207.52	1680.16	452.26	-393.93	-222.18	0.74	452.26	209.42
1830.00	25.91	209.26	1736.32	478.54	-417.04	-234.68	2.91	478.54	209.37
1893.00	26.52	209.98	1792.84	506.37	-441.23	-248.44	1.09	506.37	209.38
1955.00	26.47	209.87	1848.32	534.03	-465.20	-262.24	0.11	534.03	209.41
2018.00	25.03	209.10	1905.07	561.39	-489.03	-275.71	2.35	561.40	209.41
2080.00	25.40	210.03	1961.16	587.81	-512.00	-288.75	0.87	587.81	209.42
2142.00	26.31	210.77	2016.95	614.84	-535.32	-302.43	1.56	614.84	209.46
2205.00	25.80	211.54	2073.55	642.50	-559.00	-316.75	0.97	642.50	209.54
2269.00	25.16	211.18	2131.32	670.01	-582.51	-331.07	1.03	670.02	209.61
2332.00	24.10	210.88	2188.59	696.25	-605.01	-344.61	1.69	696.27	209.67
2395.00	24.47	210.74	2246.02	722.16	-627.26	-357.88	0.59	722.17	209.71
2459.00	25.68	211.87	2303.98	749.26	-650.43	-371.98	2.03	749.28	209.77
2522.00	26.28	211.69	2360.62	776.83	-673.89	-386.51	0.96	776.86	209.84
2585.00	25.25	210.53	2417.35	804.20	-697.33	-400.67	1.82	804.24	209.88
2648.00	24.26	206.70	2474.57	830.57	-720.47	-413.31	2.99	830.60	209.84
2711.00	24.01	205.29	2532.06	856.28	-743.62	-424.60	1.00	856.30	209.73
2773.00	23.84	204.66	2588.73	881.35	-766.41	-435.22	0.49	881.36	209.59
2837.00	23.56	204.95	2647.34	907.00	-789.77	-446.01	0.47	907.00	209.45
2901.00	23.28	205.65	2706.06	932.37	-812.76	-456.88	0.62	932.37	209.34
2964.00	22.65	206.73	2764.07	956.92	-834.82	-467.72	1.20	956.92	209.26
3025.00	21.48	208.24	2820.60	979.82	-855.15	-478.29	2.13	979.82	209.22
3087.00	20.58	207.74	2878.47	1002.06	-874.80	-488.73	1.48	1002.06	209.19
3149.00	19.14	208.67	2936.78	1023.12	-893.36	-498.68	2.38	1023.12	209.17



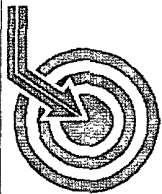
Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS
Field: San Juan
Site: San Juan County, NM
Well: San Juan 29-7 #29M
Wellpath: DH - Job #33D0807664

Date: 09/06/2007 Time: 21:43:09 Page: 2
Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,209.31Azi)
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
3212.00	19.26	209.63	2996.28	1043.84	-911.45	-508.78	0.54	1043.84	209.17
3276.00	19.43	209.37	3056.67	1065.04	-929.91	-519.21	0.30	1065.04	209.18
3307.00	19.66	211.00	3085.88	1075.41	-938.87	-524.43	1.91	1075.41	209.19
3463.00	16.32	213.89	3234.24	1123.50	-979.57	-550.17	2.22	1123.50	209.32
3494.00	15.65	213.74	3264.04	1132.01	-986.66	-554.93	2.17	1132.01	209.35
3523.00	15.94	213.83	3291.94	1139.88	-993.22	-559.32	1.00	1139.88	209.39
3555.00	16.16	211.87	3322.69	1148.71	-1000.66	-564.11	1.83	1148.71	209.41
3618.00	18.46	209.56	3382.84	1167.44	-1016.78	-573.66	3.81	1167.45	209.43
3650.00	19.18	209.84	3413.13	1177.77	-1025.75	-578.78	2.27	1177.77	209.43
3682.00	19.27	208.28	3443.34	1188.30	-1034.96	-583.90	1.63	1188.30	209.43
3713.00	19.61	208.43	3472.58	1198.62	-1044.03	-588.80	1.11	1198.62	209.42
3745.00	19.80	208.66	3502.70	1209.41	-1053.51	-593.95	0.64	1209.41	209.41
3777.00	20.83	207.76	3532.71	1220.51	-1063.30	-599.20	3.36	1220.52	209.40
3808.00	22.27	207.01	3561.54	1231.89	-1073.41	-604.44	4.73	1231.89	209.38
3840.00	23.32	207.04	3591.04	1244.28	-1084.46	-610.07	3.28	1244.28	209.36
3871.00	22.40	207.37	3619.61	1256.32	-1095.17	-615.58	3.00	1256.32	209.34
3932.00	20.30	206.72	3676.42	1278.51	-1114.95	-625.68	3.46	1278.51	209.30
3995.00	18.71	207.71	3735.80	1299.52	-1133.65	-635.29	2.58	1299.52	209.27
4058.00	17.30	206.15	3795.72	1318.98	-1151.01	-644.12	2.37	1318.98	209.23
4121.00	15.08	206.52	3856.21	1336.52	-1166.75	-651.91	3.53	1336.52	209.19
4184.00	14.14	207.62	3917.18	1352.40	-1180.90	-659.13	1.56	1352.40	209.17
4248.00	13.69	207.33	3979.30	1367.78	-1194.56	-666.23	0.71	1367.79	209.15
4310.00	12.27	206.52	4039.71	1381.69	-1206.97	-672.55	2.31	1381.70	209.13
4374.00	11.24	208.63	4102.37	1394.72	-1218.53	-678.57	1.74	1394.73	209.11
4436.00	9.46	209.85	4163.36	1405.86	-1228.26	-684.00	2.89	1405.87	209.11
4498.00	7.76	210.91	4224.66	1415.14	-1236.27	-688.69	2.75	1415.15	209.12
4561.00	6.53	212.37	4287.17	1422.97	-1242.94	-692.79	1.97	1422.98	209.13
4625.00	5.25	211.87	4350.83	1429.53	-1248.50	-696.29	2.00	1429.54	209.15
4688.00	3.41	217.98	4413.64	1434.26	-1252.43	-698.96	3.01	1434.27	209.17
4720.00	2.16	226.02	4445.61	1435.78	-1253.60	-699.98	4.08	1435.78	209.18
4732.00	1.64	232.19	4457.60	1436.16	-1253.86	-700.28	4.65	1436.16	209.18

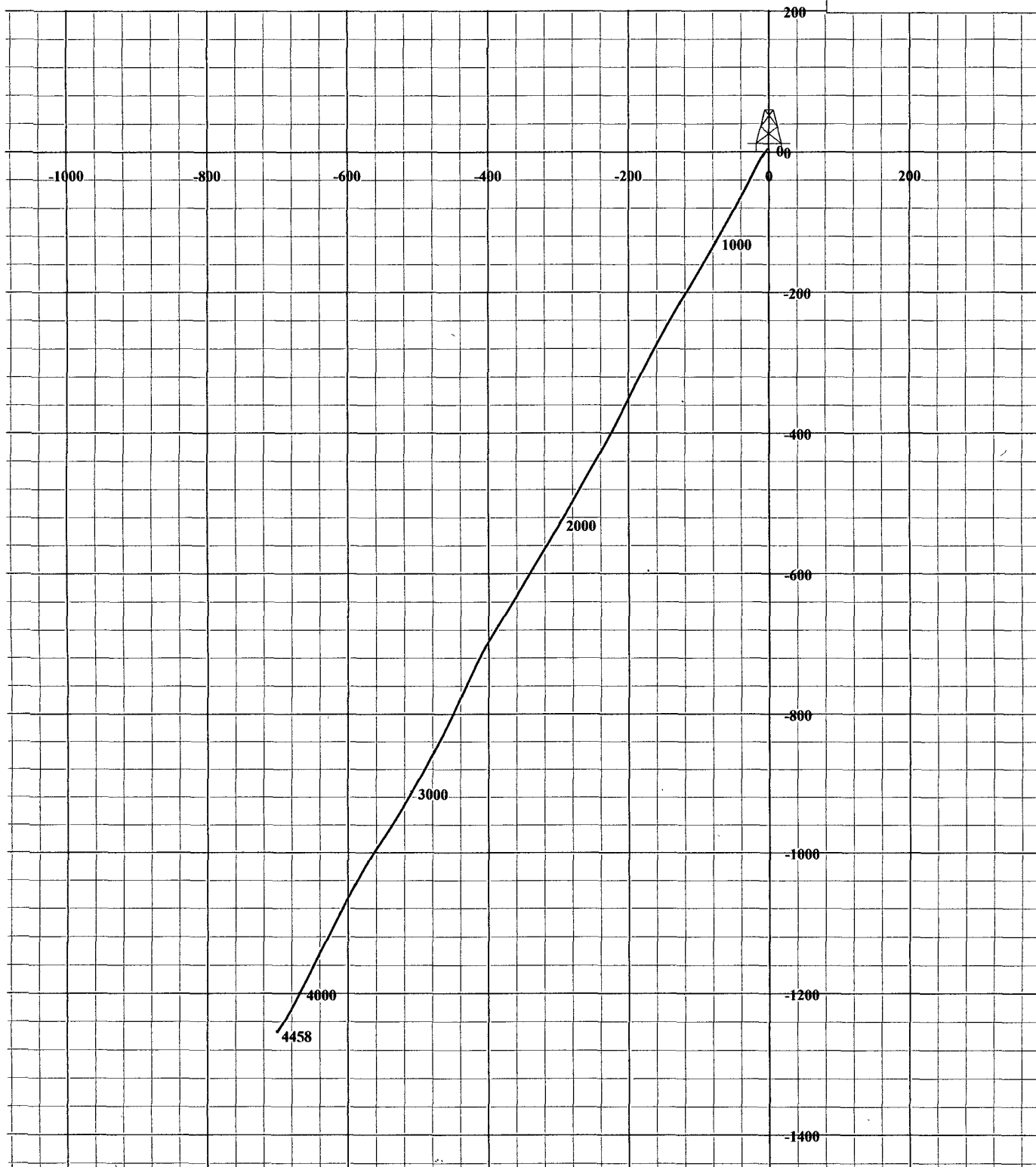


Scientific
Drilling

Field: San Juan
Site: San Juan County, NM
Well: San Juan 29-7 #29M
Wellpath: DH - Job #33D0807664
Survey: 08/04/07-08/13/07



Azimuths to Grid North
True North 0 00°
Magnetic North 0 00°
Magnetic Field
Strength On T
Dip Angle 0 00°
Date 09/06/2007
Model igrf2000



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

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