

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 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 - 7 Copies

Fee Lease - 3 Copies

RCVD NOV 25 '09

AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

OIL CONS. DIV.

¹ API Number 30-045-34599	² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE / DAKOTA BASIN
⁴ Property Code 31329	⁵ Property Name SAN JUAN 32-7 UNIT	⁶ Well Number 19M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6615

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
K	4	31-N	7-W		2525	SOUTH	2000	WEST	SAN JUAN

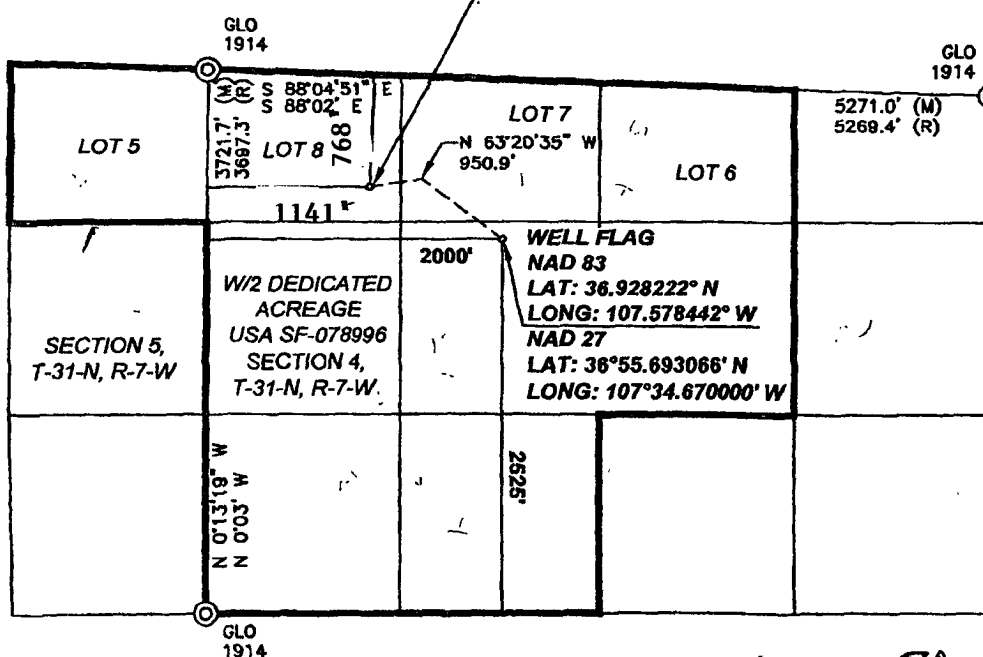
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	4	31-N	7-W		768'	NORTH	1141'	WEST	SAN JUAN

¹² Dedicated Acres 323.15	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-1066 Block G (MV) R-2046 Track E (DK)
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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

BOTTOM HOLE



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.

Crystal Tafoya 11/23/09
Signature

Crystal Tafoya

Printed Name

Regulatory Technician

Title and E-mail Address

November 23, 2009

Date

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.

Date of Survey: 7/8/08

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

HOLD C104 FOR Deviation to T.O.

Legal WellName : SAN JUAN 32-7 UNIT #19M	API / UWI: 3004534599
Operator: CONOCOPHILLIPS COMPANY	Surf Loc: 004-031N-007W-K
St/Prov: NEW MEXICO	N/S Dist (ft): 2,525.00 - FSL
County: SAN JUAN	E/W Dist (ft): 2,000.00 - FWL

Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
SINGLE SHOT	09/01/2009	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
09/01/2009	130.00	1.00	.00	DEVIATION	MOTE
09/02/2009	230.00	1.75	.00	DEVIATION	MOTE

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DEVIATION SURVEYS	09/01/2009	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
09/06/2009	301.00	1.10	9.19	MWD	Scientific Drilling
09/06/2009	363.00	1.08	8.37	MWD	Scientific Drilling
09/06/2009	424.00	1.04	13.47	MWD	Scientific Drilling
09/06/2009	487.00	.86	343.35	MWD	Scientific Drilling
09/06/2009	549.00	1.26	313.79	MWD	Scientific Drilling
09/06/2009	610.00	2.16	303.50	MWD	Scientific Drilling
09/06/2009	672.00	3.49	312.42	MWD	Scientific Drilling
09/06/2009	734.00	3.90	305.13	MWD	Scientific Drilling
09/06/2009	801.00	5.32	302.54	MWD	Scientific Drilling
09/06/2009	864.00	6.12	300.90	MWD	Scientific Drilling
09/06/2009	928.00	7.15	295.08	MWD	Scientific Drilling
09/06/2009	991.00	8.39	289.44	MWD	Scientific Drilling
09/06/2009	1,054.00	9.76	290.28	MWD	Scientific Drilling
09/06/2009	1,117.00	10.72	289.29	MWD	Scientific Drilling
09/06/2009	1,181.00	11.74	286.51	MWD	Scientific Drilling
09/07/2009	1,244.00	13.24	287.36	MWD	Scientific Drilling
09/07/2009	1,307.00	13.57	288.26	MWD	Scientific Drilling
09/07/2009	1,371.00	14.56	287.85	MWD	Scientific Drilling
09/07/2009	1,435.00	15.96	288.22	MWD	Scientific Drilling
09/07/2009	1,499.00	16.85	288.38	MWD	Scientific Drilling
09/07/2009	1,562.00	18.05	291.76	MWD	Scientific Drilling
09/07/2009	1,625.00	18.62	290.02	MWD	Scientific Drilling
09/07/2009	1,688.00	19.87	292.54	MWD	Scientific Drilling
09/07/2009	1,752.00	21.17	292.28	MWD	Scientific Drilling
09/07/2009	1,816.00	22.45	293.25	MWD	Scientific Drilling
09/07/2009	1,879.00	23.81	294.21	MWD	Scientific Drilling

09/07/2009	2,007.00	24.90	297.78	MWD	Scientific Drilling
09/07/2009	2,071.00	24.78	297.56	MWD	Scientific Drilling
09/07/2009	2,134.00	25.22	297.72	MWD	Scientific Drilling
09/07/2009	2,197.00	25.12	296.42	MWD	Scientific Drilling
09/07/2009	2,260.00	24.70	294.93	MWD	Scientific Drilling
09/07/2009	2,324.00	24.45	297.28	MWD	Scientific Drilling
09/07/2009	2,387.00	24.26	297.35	MWD	Scientific Drilling
09/07/2009	2,450.00	23.86	298.21	MWD	Scientific Drilling
09/07/2009	2,513.00	24.07	298.27	MWD	Scientific Drilling
09/07/2009	2,577.00	24.25	296.96	MWD	Scientific Drilling
09/07/2009	2,640.00	24.68	296.97	MWD	Scientific Drilling
09/07/2009	2,704.00	24.82	298.51	MWD	Scientific Drilling
09/07/2009	2,768.00	25.45	299.92	MWD	Scientific Drilling
09/07/2009	2,832.00	25.53	298.29	MWD	Scientific Drilling
09/07/2009	2,895.00	25.35	299.29	MWD	Scientific Drilling
09/07/2009	2,959.00	25.45	299.47	MWD	Scientific Drilling
09/07/2009	3,023.00	24.40	298.59	MWD	Scientific Drilling
09/07/2009	3,087.00	22.36	299.33	MWD	Scientific Drilling
09/07/2009	3,151.00	20.29	299.48	MWD	Scientific Drilling
09/07/2009	3,213.00	18.90	298.32	MWD	Scientific Drilling
09/07/2009	3,276.00	17.34	298.98	MWD	Scientific Drilling
09/08/2009	3,340.00	15.32	298.69	MWD	Scientific Drilling
09/08/2009	3,403.00	13.37	297.87	MWD	Scientific Drilling
09/08/2009	3,466.00	12.23	297.70	MWD	Scientific Drilling
09/08/2009	3,530.00	11.53	294.77	MWD	Scientific Drilling
09/08/2009	3,594.00	10.83	293.04	MWD	Scientific Drilling
09/08/2009	3,657.00	9.05	297.56	MWD	Scientific Drilling
09/08/2009	3,721.00	7.49	299.38	MWD	Scientific Drilling
09/08/2009	3,784.00	6.56	304.67	MWD	Scientific Drilling
09/08/2009	3,847.00	5.54	307.66	MWD	Scientific Drilling
09/08/2009	3,920.00	3.95	317.19	MWD	Scientific Drilling
09/08/2009	3,970.00	3.25	317.19	Extrap.	Scientific Drilling

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.

Al Galt

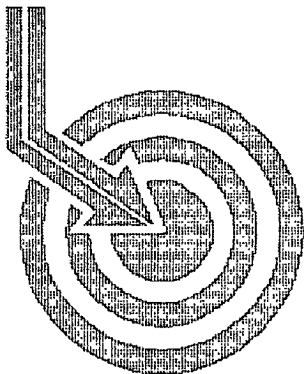
Subscribed and sworn to me this November 20, 2009

Crystal A. Tapaya

Notary Public in and for San Juan County, New Mexico

My Commission expires

10/12/2010



Scientific Drilling

CONOCOPHILLIPS

Field: San Juan
Site: SEC 04-T31N-R7W
Well: San Juan 32-7 #19M
Wellpath: DH - Job #33D0909153
Survey: 09/05/09-09/07/09

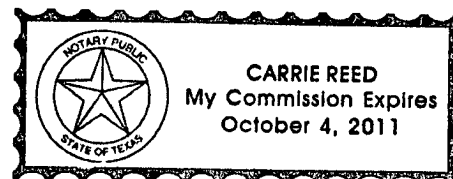
API # 30.04S.34S99

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

.....Leharto..... Company Representative

Notorized this date 22nd of September, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

COP Survey Report

Company: CONOCOPHILLIPS	Date: 09/21/2009	Time: 14:29:01	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: SEC 04-T31N-R7W, True North	
Site: SEC 04-T31N-R7W	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 32-7 #19M	Section (VS) Reference:	Well (0.00N,0.00E,296.55Azi)	
Wellpath: DH - Job #33D0909153	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 09/05/09-09/07/09	Start Date: 09/21/2009
E-field 0'-3920'	
Company: Scientific Drilling Internatio	Engineer: Drake/Flower/Drake/Blosser
Tool: E-field;E-field MWD	Tied-to: From Surface

Site: SEC 04-T31N-R7W

Site Position:	Northing: 2157236.81 ft	Latitude: 36 55 41.584 N
From: Map	Easting: 574680.04 ft	Longitude: 107 34 40.200 W
Position Uncertainty: 0.00 ft	North Reference: True	
Ground Level: 6615.00 ft	Grid Convergence: 0.15 deg	

Well: San Juan 32-7 #19M	Slot Name:
960' Slant @ N63.19W	
Well Position: +N/-S 0.00 ft	Northing: 2157236.81 ft
+E/-W 0.00 ft	Easting: 574680.04 ft
Position Uncertainty: 0.00 ft	Latitude: 36 55 41.584 N
	Longitude: 107 34 40.200 W

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
301.00	1.10	9.19	300.98	0.86	2.85	0.46	0.37	2.89	9.19
363.00	1.08	8.37	362.97	1.22	4.02	0.64	0.04	4.07	9.07
425.00	1.04	13.47	424.96	1.53	5.14	0.86	0.17	5.21	9.47
487.00	0.86	343.35	486.95	1.98	6.14	0.86	0.84	6.20	7.94
549.00	1.26	313.79	548.94	2.95	7.05	0.23	1.07	7.06	1.87
610.00	2.16	303.50	609.91	4.73	8.15	-1.21	1.55	8.24	351.54
672.00	3.49	312.42	671.84	7.70	10.07	-3.58	2.25	10.69	340.43
734.00	3.90	305.13	733.71	11.60	12.56	-6.70	1.00	14.23	331.92
801.00	5.32	302.54	800.49	16.95	15.54	-11.18	2.14	19.14	324.26
864.00	6.12	300.90	863.18	23.20	18.83	-16.52	1.30	25.06	318.74
928.00	7.15	295.08	926.75	30.58	22.27	-23.06	1.92	32.06	314.01
991.00	8.39	289.44	989.17	39.06	25.47	-30.94	2.31	40.08	309.45
1054.00	9.76	290.28	1051.38	48.93	28.85	-40.29	2.18	49.55	305.60
1117.00	10.72	289.29	1113.37	60.05	32.63	-50.83	1.55	60.40	302.70
1181.00	11.74	286.51	1176.15	72.37	36.45	-62.69	1.80	72.52	300.18
1244.00	13.24	287.36	1237.66	85.80	40.42	-75.72	2.40	85.84	298.10
1307.00	13.57	288.26	1298.94	100.24	44.89	-89.62	0.62	100.24	296.61
1371.00	14.56	287.85	1361.02	115.62	49.71	-104.41	1.55	115.64	295.46
1435.00	15.96	288.22	1422.76	132.28	54.93	-120.43	2.19	132.36	294.52
1499.00	16.85	288.38	1484.16	150.17	60.60	-137.59	1.39	150.35	293.77
1562.00	18.05	291.76	1544.26	168.93	67.10	-155.32	2.49	169.20	293.37
1625.00	18.62	290.02	1604.06	188.65	74.16	-173.84	1.25	188.99	293.10
1688.00	19.87	292.54	1663.54	209.33	81.71	-193.17	2.38	209.75	292.93
1752.00	21.17	292.28	1723.48	231.70	90.26	-213.91	2.04	232.18	292.88
1816.00	22.45	293.25	1782.89	255.43	99.47	-235.84	2.08	255.96	292.87
1879.00	23.81	294.21	1840.83	280.14	109.43	-258.49	2.24	280.70	292.95
1943.00	24.23	297.00	1899.29	306.18	120.69	-281.97	1.89	306.72	293.17
2007.00	24.90	297.78	1957.50	332.79	132.93	-305.60	1.16	333.26	293.51
2071.00	24.78	297.56	2015.57	359.67	145.42	-329.41	0.24	360.08	293.82
2134.00	25.22	297.72	2072.67	386.29	157.77	-352.99	0.71	386.65	294.08
2197.00	25.12	296.42	2129.69	413.08	169.96	-376.85	0.89	413.41	294.28
2260.00	24.70	294.93	2186.83	439.61	181.46	-400.76	1.20	439.93	294.36
2324.00	24.45	297.28	2245.03	466.22	193.17	-424.66	1.58	466.53	294.46
2387.00	24.26	297.35	2302.43	492.20	205.09	-447.74	0.31	492.48	294.61
2450.00	23.86	298.21	2359.95	517.88	217.06	-470.47	0.84	518.13	294.77
2513.00	24.07	298.27	2417.52	543.45	229.17	-493.01	0.34	543.67	294.93



Scientific Drilling International

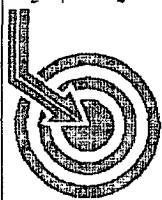
COP Survey Report

Company: CONOCOPHILLIPS
 Field: San Juan
 Site: SEC 04-T31N-R7W
 Well: San Juan 32-7 #19M
 Wellpath: DH - Job #33D0909153

Date: 09/21/2009 Time: 14:29:01 Page: 2
 Co-ordinate(NE) Reference: Site: SEC 04-T31N-R7W, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,296.55Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

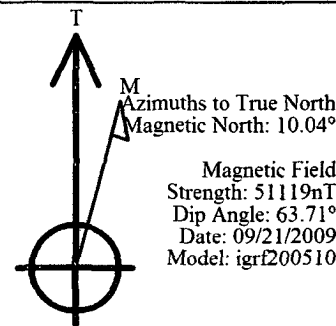
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
2577.00	24.25	296.96	2475.92	569.64	241.31	-516.22	0.88	569.84	295.05
2640.00	24.68	296.97	2533.26	595.73	253.14	-539.48	0.68	595.91	295.14
2704.00	24.82	298.51	2591.38	622.52	265.61	-563.19	1.03	622.68	295.25
2768.00	25.45	299.92	2649.32	649.67	278.88	-586.91	1.36	649.80	295.42
2832.00	25.53	298.29	2707.09	677.18	292.28	-610.97	1.10	677.28	295.57
2895.00	25.35	299.29	2763.98	704.23	305.31	-634.69	0.74	704.31	295.69
2959.00	25.45	299.47	2821.80	731.64	318.78	-658.61	0.20	731.70	295.83
3023.00	24.40	298.59	2879.84	758.59	331.87	-682.19	1.74	758.63	295.94
3087.00	22.36	299.33	2938.58	783.96	344.16	-704.41	3.22	783.99	296.04
3151.00	20.29	299.48	2998.19	807.21	355.59	-724.69	3.24	807.23	296.14
3213.00	18.90	298.32	3056.60	827.98	365.64	-742.89	2.33	827.99	296.21
3276.00	17.34	298.98	3116.48	847.56	375.03	-760.08	2.50	847.57	296.26
3340.00	15.32	298.69	3177.89	865.54	383.71	-775.85	3.16	865.55	296.32
3403.00	13.37	297.87	3238.92	881.14	391.11	-789.59	3.11	881.14	296.35
3466.00	12.23	297.70	3300.36	895.09	397.62	-801.93	1.81	895.10	296.37
3530.00	11.53	294.77	3362.99	908.26	403.45	-813.74	1.44	908.27	296.37
3594.00	10.83	293.04	3425.77	920.66	408.48	-825.09	1.21	920.67	296.34
3657.00	9.05	297.56	3487.82	931.52	413.09	-834.93	3.08	931.53	296.32
3721.00	7.49	299.38	3551.16	940.72	417.47	-843.02	2.47	940.73	296.34
3784.00	6.56	304.67	3613.68	948.39	421.53	-849.56	1.80	948.39	296.39
3847.00	5.54	307.66	3676.33	954.93	425.43	-854.93	1.69	954.93	296.46
3920.00	3.95	317.19	3749.08	960.74	429.43	-859.43	2.42	960.74	296.55

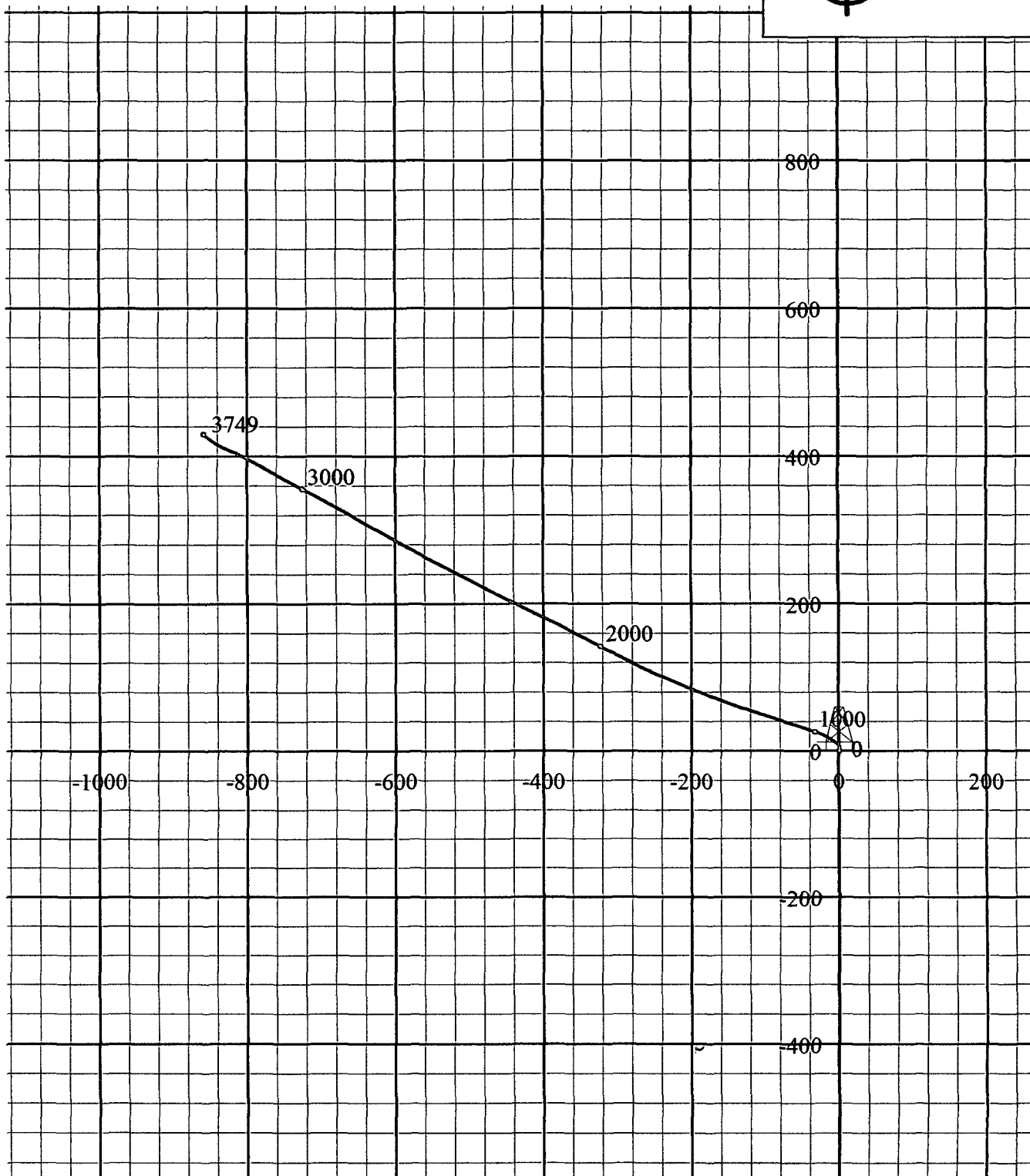


Scientific
Drilling

Field: San Juan
Site: SEC 04-T31N-R7W
Well: San Juan 32-7 #19M
Wellpath: DH - Job #33D0909153
Survey: 09/05/09-09/07/09



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



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

Schematic - Current

SAN JUAN 32-7 UNIT #19M

API # 30.04S. 34599

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
COMPLETIONS	INITIAL COMPLETION	INITIAL COMPLETION	9/28/2009	11/19/2009

Well Config: DEVIATED - Original:Hole, 11/23/2009 12:44:17 PM

ftKB (MD)

Schematic - Actual

