

Form C-102
Revised October 12, 2005

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

"AS DRILLED PLAT"

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30683		² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT		⁶ Well Number 147 P
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6378'

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
C	29	28N	6W		1015'	NORTH	2351'	WEST	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
B	29	28N	6W		397 ³	NORTH	2147	EAST	RIO ARRIBA

12 Dedicated Acres 320.0 Acres - (E/2)	13 Joint or Infill	14 Consolidation Code	15 Order No. RCVD APR 19 '10 OIL CONS. DIV.
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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

1497

S 89°57'11" W
N 89°58' W

2640.90' (M)
2636.70' (R)

N 89°51'19" W
N 89°58' W

2630.46' (M)
2636.70' (R)

FND 2 1/2" BC
GLO 1914

FND 2 1/2" BC
GLO 1914

FND 2 1/2" BC
GLO 1914

FND 2 1/2" BC
GLO 1914

1015'

2351'

397'

2147

BOTTOM HOLE

WELL FLAG
LAT. 36.63677° N (NAD83)
LONG. 107.49141° W (NAD83)
LAT. 36°38.20572' N (NAD27)
LONG. 107°29.44832' W (NAD27)

DIRECTIONAL DRILL
N 51°30'06" E 1065.74'

29

LEASE # USA SF-079050

N 0°03'51" W
N 0°03' W

5279.53' (M)
5280.00' (R)

N 0°00'56" W
N 0°03' W

5279.06' (M)
5280.00' (R)

FND 2 1/2" BC
GLO 1914

FND 2 1/2" BC
GLO 1914

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 or a compulsory pooling order heretofore entered by the Division.

Signature Rosal Tapaya Date 4/8/10

Crystal Tafoya 4/8/2010
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.

AUGUST 13, 2008

Date of Survey _____

Signature and Seal of Professional Surveyor:

Ed Russell



DAVID RUSSELL

Certificate Number 10201

b 4-21



COP Deviation Report
SAN JUAN 28-6 UNIT #147P

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP		Legal WellName SAN JUAN 28-6 UNIT #147P		API / UWI 3003930683		County RIO ARRIBA		State/Province NEW MEXICO			
Surface Legal Location 029-028N-006W-C				N/S Dist (ft) 1,015.00		N/S Ref FNL		E/W Dist (ft) 2,351.00		E/W Ref FWL	
Survey Data											
Date		MD (ftKB)		Incl (°)		Method		Survey Company			
10/13/2009		0.00		0.00		MWD		Scientific Drilling			
9/29/2009		130.00		0.75		Inc-Drop		Mo-Te Drilling Inc			
9/30/2009		236.00		0.75		Inc-Drop		Mo-Te Drilling Inc			
10/13/2009		271.00		0.52		MWD		Scientific Drilling			
10/13/2009		301.00		0.57		MWD		Scientific Drilling			
10/13/2009		332.00		0.92		MWD		Scientific Drilling			
10/13/2009		362.00		1.55		MWD		Scientific Drilling			
10/13/2009		393.00		2.15		MWD		Scientific Drilling			
10/13/2009		424.00		2.73		MWD		Scientific Drilling			
10/13/2009		455.00		3.15		MWD		Scientific Drilling			
10/14/2009		485.00		3.98		MWD		Scientific Drilling			
10/13/2009		516.00		4.48		MWD		Scientific Drilling			
10/13/2009		547.00		5.30		MWD		Scientific Drilling			
10/13/2009		577.00		5.85		MWD		Scientific Drilling			
10/13/2009		608.00		6.67		MWD		Scientific Drilling			
10/14/2009		639.00		7.47		MWD		Scientific Drilling			
10/14/2009		669.00		8.03		MWD		Scientific Drilling			
10/14/2009		700.00		9.00		MWD		Scientific Drilling			
10/13/2009		749.00		9.94		MWD		Scientific Drilling			
10/13/2009		794.00		10.51		MWD		Scientific Drilling			
10/13/2009		839.00		11.29		MWD		Scientific Drilling			
10/13/2009		884.00		12.92		MWD		Scientific Drilling			
10/13/2009		929.00		14.18		MWD		Scientific Drilling			
10/13/2009		974.00		14.97		MWD		Scientific Drilling			
10/13/2009		1,019.00		15.94		MWD		Scientific Drilling			
10/13/2009		1,064.00		16.65		MWD		Scientific Drilling			
10/13/2009		1,109.00		17.31		MWD		Scientific Drilling			
10/13/2009		1,154.00		18.64		MWD		Scientific Drilling			
10/13/2009		1,199.00		19.65		MWD		Scientific Drilling			
10/13/2009		1,244.00		20.54		MWD		Scientific Drilling			
10/14/2009		1,289.00		21.67		MWD		Scientific Drilling			
10/13/2009		1,334.00		22.46		MWD		Scientific Drilling			
10/13/2009		1,424.00		23.32		MWD		Scientific Drilling			
10/13/2009		1,514.00		24.32		MWD		Scientific Drilling			
10/13/2009		1,604.00		24.47		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 28-6 UNIT #147P

Survey Data

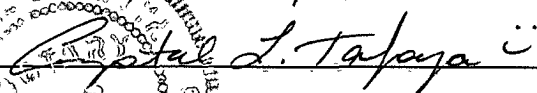
Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/13/2009	1,694.00	24.32	MWD	Scientific Drilling
10/14/2009	1,784.00	23.86	MWD	Scientific Drilling
10/14/2009	1,874.00	24.15	MWD	Scientific Drilling
10/14/2009	1,964.00	23.48	MWD	Scientific Drilling
10/14/2009	2,054.00	22.88	MWD	Scientific Drilling
10/14/2009	2,144.00	23.02	MWD	Scientific Drilling
10/14/2009	2,234.00	23.43	MWD	Scientific Drilling
10/14/2009	2,324.00	23.91	MWD	Scientific Drilling
10/14/2009	2,414.00	24.86	MWD	Scientific Drilling
10/14/2009	2,504.00	25.49	MWD	Scientific Drilling
10/14/2009	2,594.00	25.96	MWD	Scientific Drilling
10/14/2009	2,683.00	25.96	MWD	Scientific Drilling
10/14/2009	2,773.00	23.68	MWD	Scientific Drilling
10/14/2009	2,863.00	21.73	MWD	Scientific Drilling
10/14/2009	2,953.00	19.14	MWD	Scientific Drilling
10/14/2009	3,043.00	16.69	MWD	Scientific Drilling
10/14/2009	3,133.00	13.82	MWD	Scientific Drilling
10/14/2009	3,223.00	12.16	MWD	Scientific Drilling
10/14/2009	3,313.00	9.44	MWD	Scientific Drilling
10/14/2009	3,403.00	8.31	MWD	Scientific Drilling
10/14/2009	3,493.00	5.91	MWD	Scientific Drilling
10/14/2009	3,583.00	3.38	MWD	Scientific Drilling
10/14/2009	3,673.00	2.69	MWD	Scientific Drilling
10/14/2009	3,763.00	1.98	MWD	Scientific Drilling
10/14/2009	3,872.00	1.32	MWD	Scientific Drilling
10/24/2009	7,762.00	2.00	Inc-W/L	PHOENIX

RCVD APR 19 '10
OIL CONS. DIV.
DIST. 3

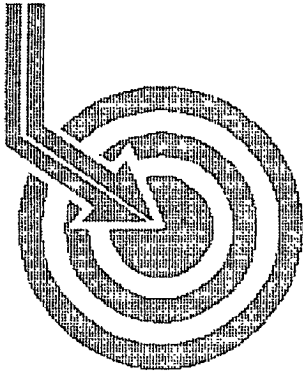
I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and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



Subscribed and sworn to me this April 9, 2010


Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

BURLINGTON RESOURCES

Field: San Juan
Site: SEC 29-T28N-R6W
Well: San Juan 28-6 #147P
Wellpath: DH - Job #33D1009178
Survey: 10/12/09-10/15/09
API # 30.039.30683

RCVD APR 19 '10

OIL CONS. DIV.

DIST. 3

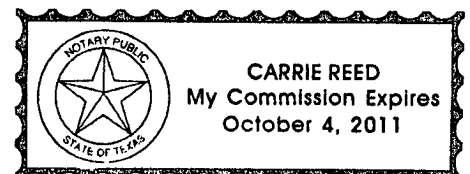
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Richardson.....Company Representative

Notorized this date 24th of November, 2009.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 11/24/2009	Time: 12:45:40	Page: 1
Field: San Juan	Co-ordinate(NE) Reference: Well: San Juan 28-6 #147P, True North		
Site: SEC 29-T28N-R6W	Vertical (TVD) Reference: System: Mean Sea Level		
Well: San Juan 28-6 #147P	Section (VS) Reference: Well (0.00N,0.00E,51.76Azi)		
Wellpath: DH - Job #33D1009178	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/12/09-10/15/09	Start Date: 10/12/2009
E-field: 0'-3872'	
Company: Scientific Drilling Internatio	Engineer: Richey/Drake/Ratlif/Blosser
Tool: E-field;E-field	Tied-to: From Surface

Site: SEC 29-T28N-R6W

Site Position:	Northing: 2048342.48 ft	Latitude: 36 37 44.011 N
From: Map	Easting: 599087.34 ft	Longitude: 107 29 44.323 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 6378.00 ft		Grid Convergence: 0.20 deg

Well: San Juan 28-6 #147P	Slot Name:
989' Slant @ N51.76E	
Well Position: +N/-S 2865.04 ft	Northing: 2051212.50 ft
+E/-W 1420.06 ft	Easting: 600497.32 ft
Position Uncertainty: 0.00 ft	Latitude: 36 38 12.343 N
	Longitude: 107 29 26.899 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
271.00	0.52	56.62	271.00	1.23	0.68	1.03	0.19	1.23	56.62
301.00	0.57	52.61	300.99	1.51	0.84	1.26	0.21	1.51	56.23
332.00	0.92	55.33	331.99	1.91	1.08	1.59	1.13	1.92	55.82
362.00	1.55	51.64	361.99	2.56	1.47	2.10	2.12	2.56	55.11
393.00	2.15	51.03	392.97	3.56	2.09	2.88	1.94	3.56	54.04
424.00	2.73	51.40	423.94	4.88	2.92	3.91	1.87	4.88	53.28
455.00	3.15	51.59	454.90	6.47	3.91	5.16	1.36	6.47	52.84
485.00	3.98	52.66	484.84	8.33	5.05	6.63	2.78	8.34	52.70
516.00	4.48	52.33	515.76	10.62	6.44	8.44	1.61	10.62	52.65
547.00	5.30	51.98	546.64	13.26	8.07	10.53	2.65	13.26	52.55
577.00	5.85	50.13	576.50	16.18	9.90	12.80	1.93	16.18	52.27
608.00	6.67	49.98	607.32	19.56	12.07	15.39	2.65	19.56	51.89
639.00	7.47	49.79	638.08	23.37	14.53	18.30	2.58	23.37	51.56
669.00	8.03	51.53	667.81	27.41	17.09	21.43	2.02	27.41	51.43
700.00	9.00	52.08	698.46	32.00	19.93	25.04	3.14	32.00	51.49
749.00	9.94	52.53	746.80	40.07	24.86	31.42	1.92	40.07	51.65
794.00	10.51	53.24	791.08	48.05	29.68	37.79	1.30	48.05	51.86
839.00	11.29	51.92	835.27	56.56	34.85	44.55	1.82	56.56	51.97
884.00	12.92	51.08	879.27	66.00	40.73	51.93	3.64	66.00	51.89
929.00	14.18	50.57	923.01	76.54	47.39	60.10	2.81	76.54	51.75
974.00	14.97	50.89	966.57	87.86	54.56	68.87	1.76	87.86	51.62
1019.00	15.94	50.86	1009.94	99.85	62.12	78.17	2.16	99.85	51.53
1064.00	16.65	50.44	1053.13	112.47	70.13	87.94	1.60	112.47	51.43
1109.00	17.31	51.21	1096.17	125.61	78.43	98.12	1.55	125.62	51.37
1154.00	18.64	52.19	1138.97	139.50	87.03	109.02	3.03	139.50	51.40
1199.00	19.65	53.34	1181.48	154.25	95.96	120.78	2.40	154.25	51.53
1244.00	20.54	52.92	1223.74	169.71	105.24	133.14	2.00	169.71	51.68
1289.00	21.67	53.43	1265.72	185.91	114.95	146.11	2.54	185.91	51.81
1334.00	22.46	53.44	1307.43	202.81	125.02	159.69	1.76	202.81	51.94
1424.00	23.32	53.91	1390.34	237.79	145.75	187.90	0.98	237.80	52.20
1514.00	24.32	52.81	1472.67	274.12	167.45	217.06	1.22	274.14	52.35
1604.00	24.47	53.08	1554.64	311.29	189.85	246.72	0.21	311.31	52.42
1694.00	24.32	53.09	1636.60	348.45	212.17	276.44	0.17	348.48	52.49
1784.00	23.86	52.05	1718.76	385.18	234.50	305.61	0.70	385.21	52.50
1874.00	24.15	52.14	1800.98	421.79	256.99	334.50	0.32	421.83	52.47
1964.00	23.48	51.76	1883.31	458.13	279.39	363.12	0.76	458.16	52.43



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: SEC 29-T28N-R6W
Well: San Juan 28-6 #147P
Wellpath: DH - Job #33D1009178

Date: 11/24/2009 Time: 12:45:40 Page: 2
Co-ordinate(NE) Reference: Well: San Juan 28-6 #147P, True North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,51.76Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

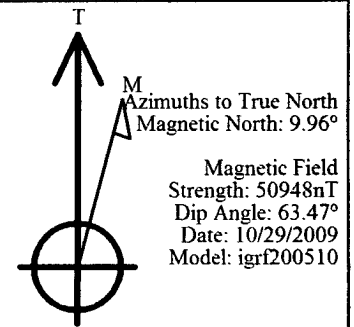
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
2054.00	22.88	51.05	1966.05	493.56	301.48	390.81	0.74	493.58	52.35
2144.00	23.02	50.46	2048.93	528.65	323.69	417.99	0.30	528.66	52.25
2234.00	23.43	50.82	2131.63	564.13	346.19	445.43	0.48	564.14	52.15
2324.00	23.91	51.14	2214.06	600.26	368.94	473.50	0.55	600.27	52.08
2414.00	24.86	50.93	2296.03	637.41	392.31	502.39	1.06	637.42	52.01
2504.00	25.49	51.13	2377.48	675.69	416.38	532.16	0.71	675.70	51.96
2594.00	25.96	50.73	2458.56	714.75	441.01	562.49	0.56	714.76	51.90
2683.00	25.96	50.75	2538.58	753.71	465.66	592.65	0.01	753.71	51.84
2773.00	23.68	50.45	2620.26	791.48	489.64	621.84	2.54	791.48	51.78
2863.00	21.73	50.78	2703.28	826.21	511.68	648.69	2.17	826.21	51.73
2953.00	19.14	51.35	2787.61	857.62	531.43	673.12	2.89	857.62	51.71
3043.00	16.69	48.53	2873.24	885.29	549.21	694.34	2.89	885.29	51.66
3133.00	13.82	49.28	2960.06	908.93	564.78	712.17	3.20	908.94	51.58
3223.00	12.16	47.98	3047.76	929.13	578.14	727.36	1.87	929.14	51.52
3313.00	9.44	48.43	3136.16	945.96	589.39	739.93	3.02	945.97	51.46
3403.00	8.31	51.19	3225.08	959.83	598.36	750.52	1.34	959.85	51.44
3493.00	5.91	52.11	3314.38	970.97	605.28	759.24	2.67	970.99	51.44
3583.00	3.38	50.70	3404.08	978.26	609.81	764.95	2.81	978.27	51.44
3673.00	2.69	47.39	3493.95	983.02	612.92	768.56	0.79	983.03	51.43
3763.00	1.98	46.69	3583.87	986.67	615.42	771.25	0.79	986.69	51.41
3872.00	1.32	42.74	3692.83	989.79	617.63	773.47	0.61	989.81	51.39

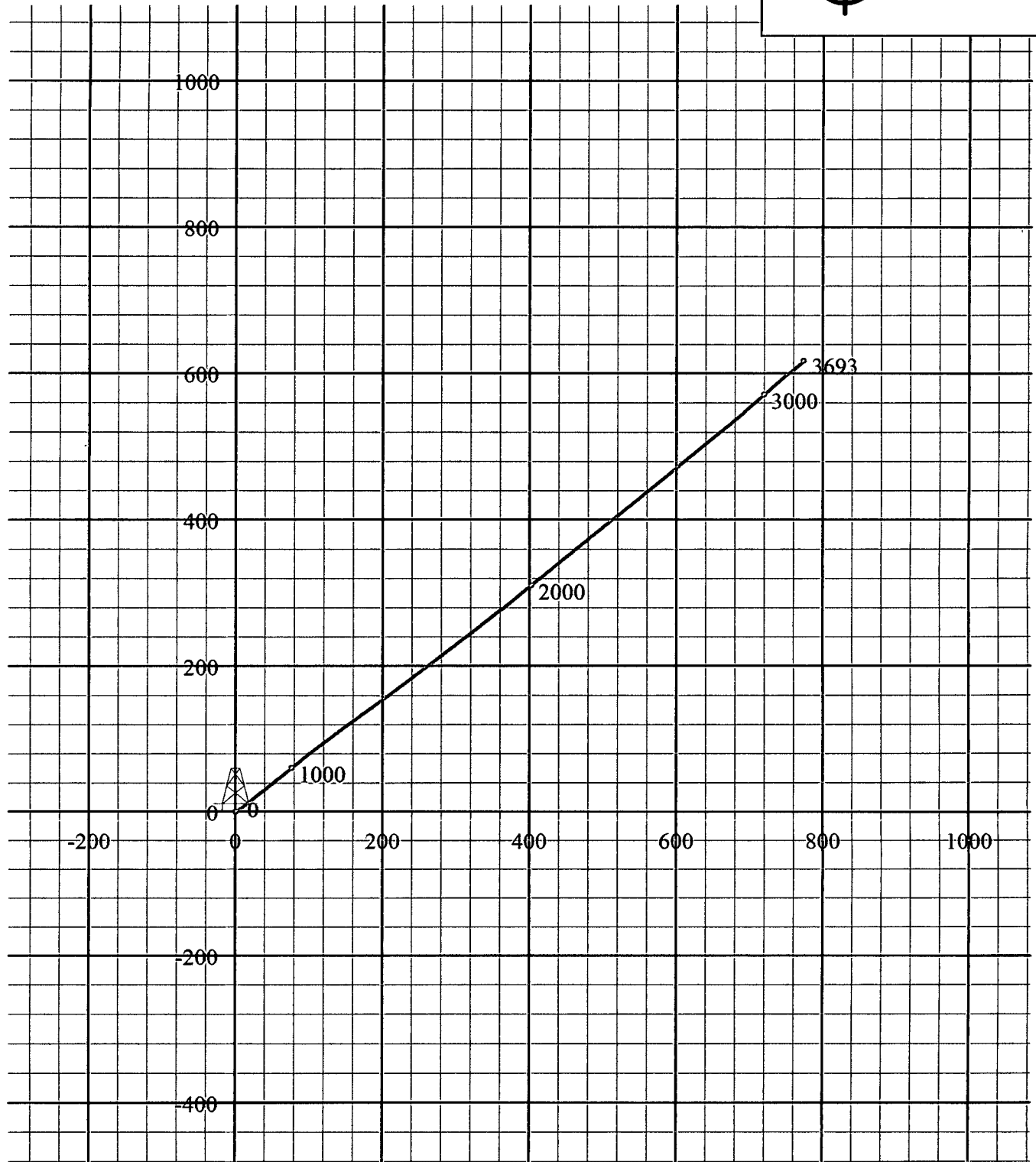


**Scientific
Drilling**

Field: San Juan
Site: SEC 29-T28N-R6W
Well: San Juan 28-6 #147P
Wellpath: DH - Job #33D1009178
Survey: 10/12/09-10/15/09



South(-)/North(+) [100ft/in]



West(-)/East(+) [100ft/in]