

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30598	² Pool Code 71599/72319	³ Pool Name DAKOTA / MESA VERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 47M
⁷ GRID No. 217817	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6255

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
H	32	30 N	7 W		2542	NORTH	660	EAST	RIO ARRIBA

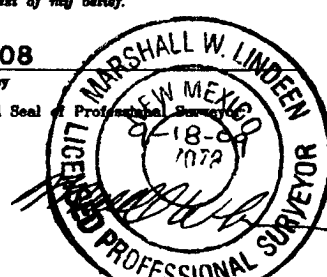
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	30 N	7 W		2006'	SOUTH	708'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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RCVD AUG 26 '09
OIL CONS. DIV.

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

5278.5' 8/26/09	S 89°55'52" W	5275.73'		2640.57'	N 0°09'21" W	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. Signature <u>Ethel Tally</u> Date <u>8/25/09</u> Printed Name <u>Ethel Tally</u>	
		E-1214-12					
		E-3707-14 NAD 83 LAT: 36.769462° N LONG: 107.587597° W E-3707-15 NAD 27 LAT: 36°46.1673' N LONG: 107°35.2193' W					
		SECTION 32					
N 0°09'31" W	S 89°57'37" W	B-10037-59		2640.63'	N 0°10'04" W	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 <u>8/26/08</u> Signature and Seal of Professional Surveyor  Certificate Number <u>17078</u>	
		5274.04'					
		708'					
		2006'					

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #47M	API / UWI 3003930598	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 032-030N-007W-H	N/S Dist (ft) 2,542.00	N/S Ref FNL	E/W Dist (ft) 660.00	E/W Ref FEL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
4/12/2009	244.00	1.37	MWD	Scientific Drilling	
4/12/2009	305.00	0.68	MWD	Scientific Drilling	
4/12/2009	366.00	0.46	MWD	Scientific Drilling	
4/12/2009	428.00	1.69	MWD	Scientific Drilling	
4/12/2009	489.00	3.35	MWD	Scientific Drilling	
4/12/2009	549.00	4.34	MWD	Scientific Drilling	
4/12/2009	611.00	6.05	MWD	Scientific Drilling	
4/12/2009	673.00	7.24	MWD	Scientific Drilling	
4/12/2009	735.00	8.26	MWD	Scientific Drilling	
4/12/2009	798.00	9.02	MWD	Scientific Drilling	
4/12/2009	861.00	9.79	MWD	Scientific Drilling	
4/12/2009	923.00	10.83	MWD	Scientific Drilling	
4/12/2009	986.00	12.00	MWD	Scientific Drilling	
4/12/2009	1,049.00	13.12	MWD	Scientific Drilling	
4/12/2009	1,112.00	14.59	MWD	Scientific Drilling	
4/12/2009	1,174.00	15.75	MWD	Scientific Drilling	
4/12/2009	1,237.00	17.31	MWD	Scientific Drilling	
4/12/2009	1,300.00	18.42	MWD	Scientific Drilling	
4/12/2009	1,362.00	18.62	MWD	Scientific Drilling	
4/13/2009	1,425.00	19.38	MWD	Scientific Drilling	
4/13/2009	1,488.00	20.23	MWD	Scientific Drilling	
4/13/2009	1,550.00	20.20	MWD	Scientific Drilling	
4/13/2009	1,613.00	20.36	MWD	Scientific Drilling	
4/13/2009	1,676.00	19.71	MWD	Scientific Drilling	
4/13/2009	1,738.00	19.19	MWD	Scientific Drilling	
4/13/2009	1,801.00	19.65	MWD	Scientific Drilling	
4/13/2009	1,864.00	19.59	MWD	Scientific Drilling	
4/13/2009	1,926.00	20.45	MWD	Scientific Drilling	
4/13/2009	1,989.00	21.16	MWD	Scientific Drilling	
4/13/2009	2,051.00	21.15	MWD	Scientific Drilling	
4/13/2009	2,114.00	20.31	MWD	Scientific Drilling	
4/13/2009	2,176.00	20.61	MWD	Scientific Drilling	
4/13/2009	2,239.00	21.14	MWD	Scientific Drilling	
4/13/2009	2,302.00	21.63	MWD	Scientific Drilling	
4/13/2009	2,365.00	21.92	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 _____

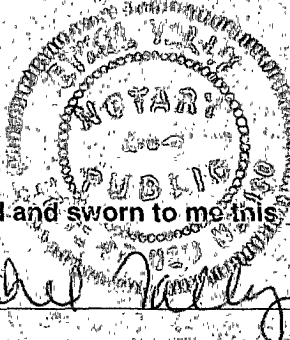
Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
4/13/2009	2,426.00	20.71	MWD	Scientific Drilling
4/13/2009	2,489.00	19.53	MWD	Scientific Drilling
4/13/2009	2,551.00	18.20	MWD	Scientific Drilling
4/13/2009	2,614.00	17.38	MWD	Scientific Drilling
4/13/2009	2,676.00	17.25	MWD	Scientific Drilling
4/13/2009	2,738.00	16.59	MWD	Scientific Drilling
4/13/2009	2,800.00	15.19	MWD	Scientific Drilling
4/13/2009	2,863.00	13.59	MWD	Scientific Drilling
4/13/2009	2,925.00	12.31	MWD	Scientific Drilling
4/14/2009	2,987.00	9.89	MWD	Scientific Drilling
4/14/2009	3,049.00	8.08	MWD	Scientific Drilling
4/14/2009	3,111.00	7.08	MWD	Scientific Drilling
4/13/2009	3,175.00	5.90	MWD	Scientific Drilling
4/14/2009	3,237.00	4.68	MWD	Scientific Drilling
4/14/2009	3,299.00	4.01	MWD	Scientific Drilling
4/14/2009	3,393.00	3.09	MWD	Scientific Drilling
4/14/2009	3,451.00	2.52	Extrap.	Scientific Drilling
4/24/2009	7,698.00	1.00	FINAL BHS	PHOENIX

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.



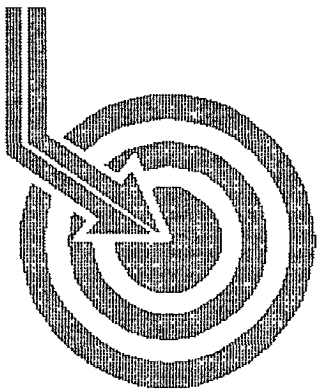
Subscribed and sworn to me this

Aug 20, 2009

Notary Public in and for San Juan County, New Mexico

My Commission expires

Oct 1, 2012



Scientific Drilling

RCVD AUG 26 '09
OIL CONS. DIV.
DIST. 3

BURLINGTON RESOURCES

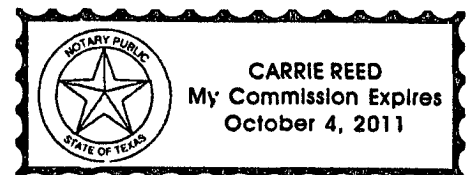
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-6 #47M
Wellpath: DH - Job #33D0409064
Survey: 04/10/09-04/14/09

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

.....*R. Wharton*.....Company Representative

Notorized this date 4th of May, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: BURLINGTON RESOURCES	Date: 05/04/2009	Time: 11:50:28	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, True North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 30-6 #47M	Section (VS) Reference:	Well (0.00N,0.00E,183.82Azi)	
Wellpath: DH - Job #33D0409064	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 04/10/09-04/14/09	Start Date: 04/10/2009
E-field 0'-3393'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Richey/Clifton/Blosser
Tool: E-field;E-field	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
244.00	1.37	20.47	243.98	-2.79	2.73	1.02	0.56	2.92	20.47
305.00	0.68	1.83	304.97	-3.86	3.78	1.29	1.24	3.99	18.81
366.00	0.48	254.64	365.96	-4.13	4.07	1.05	1.54	4.21	14.48
428.00	1.69	203.84	427.95	-3.19	3.17	0.43	2.32	3.20	7.77
489.00	3.35	207.18	488.89	-0.71	0.76	-0.75	2.73	1.06	315.48
549.00	4.34	204.31	548.76	3.03	-2.87	-2.48	1.68	3.79	220.84
611.00	6.05	198.69	610.50	8.38	-8.10	-4.49	2.87	9.27	209.01
673.00	7.24	193.76	672.08	15.39	-14.99	-6.47	2.13	16.33	203.34
735.00	8.26	193.70	733.52	23.63	-23.12	-8.45	1.65	24.61	200.09
798.00	9.02	189.26	795.80	33.00	-32.39	-10.32	1.60	33.99	197.68
861.00	9.79	181.33	857.96	43.27	-42.62	-11.24	2.39	44.07	194.78
923.00	10.83	181.51	918.95	54.36	-53.71	-11.52	1.68	54.93	192.10
986.00	12.00	183.97	980.71	66.82	-66.16	-12.13	2.01	67.26	190.39
1049.00	13.12	183.41	1042.20	80.52	-79.83	-13.00	1.79	80.88	189.25
1112.00	14.59	183.89	1103.36	95.61	-94.89	-13.97	2.34	95.91	188.37
1174.00	15.75	182.10	1163.20	111.83	-111.09	-14.81	2.02	112.07	187.59
1237.00	17.31	182.48	1223.60	129.74	-129.00	-15.52	2.48	129.93	186.86
1300.00	18.42	181.61	1283.56	149.06	-148.31	-16.21	1.81	149.19	186.24
1362.00	18.62	182.81	1342.35	168.74	-167.99	-16.97	0.69	168.84	185.77
1425.00	19.38	180.23	1401.92	189.23	-188.49	-17.51	1.80	189.30	185.31
1488.00	20.23	181.03	1461.19	210.55	-209.83	-17.74	1.42	210.58	184.83
1550.00	20.20	180.20	1519.37	231.94	-231.25	-17.97	0.47	231.95	184.44
1613.00	20.36	178.66	1578.47	253.71	-253.09	-17.76	0.88	253.71	184.01
1676.00	19.71	182.41	1637.66	275.24	-274.66	-17.95	2.28	275.24	183.74
1738.00	19.19	184.26	1696.12	295.88	-295.26	-19.14	1.30	295.88	183.71
1801.00	19.65	186.65	1755.53	316.82	-316.11	-21.14	1.46	316.82	183.83
1864.00	19.59	186.90	1814.88	337.94	-337.12	-23.63	0.16	337.95	184.01
1926.00	20.45	187.94	1873.13	359.13	-358.16	-26.38	1.50	359.13	184.21
1989.00	21.16	190.99	1932.02	381.39	-380.23	-30.07	2.06	381.42	184.52
2051.00	21.15	190.22	1989.85	403.60	-402.22	-34.18	0.45	403.67	184.86
2114.00	20.31	188.76	2048.77	425.79	-424.21	-37.87	1.57	425.90	185.10
2176.00	20.61	186.77	2106.86	447.41	-445.68	-40.79	1.22	447.55	185.23
2239.00	21.14	185.64	2165.72	469.84	-468.00	-43.21	1.06	469.99	185.28
2302.00	21.63	185.77	2224.38	492.80	-490.86	-45.50	0.78	492.96	185.30
2365.00	21.92	185.54	2282.89	516.16	-514.12	-47.80	0.48	516.33	185.31
2426.00	20.71	183.94	2339.71	538.33	-536.21	-49.64	2.20	538.50	185.29
2489.00	19.53	181.30	2398.87	559.99	-557.85	-50.65	2.36	560.15	185.19
2551.00	18.20	178.67	2457.54	579.98	-577.89	-50.66	2.55	580.11	185.01
2614.00	17.38	177.26	2517.53	599.13	-597.13	-49.98	1.47	599.22	184.78
2676.00	17.25	177.14	2576.72	617.46	-615.56	-49.08	0.22	617.51	184.56
2738.00	16.59	178.46	2636.03	635.40	-633.59	-48.38	1.23	635.43	184.37
2800.00	15.19	177.99	2695.66	652.30	-650.55	-47.86	2.27	652.31	184.21
2863.00	13.59	177.97	2756.68	667.87	-666.20	-47.31	2.54	667.88	184.06
2925.00	12.31	178.79	2817.11	681.70	-680.09	-46.91	2.09	681.71	183.95
2987.00	9.89	180.36	2877.94	693.60	-692.02	-46.80	3.93	693.60	183.87
3049.00	8.08	181.58	2939.18	703.27	-701.70	-46.96	2.94	703.27	183.83
3111.00	7.08	182.68	3000.64	711.45	-709.88	-47.25	1.63	711.45	183.81
3175.00	5.90	181.17	3064.22	718.68	-717.11	-47.51	1.86	718.68	183.79



Scientific Drilling International

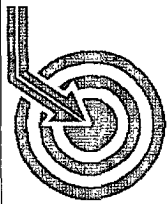
Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-6 #47M
Wellpath: DH - Job #33D0409064

Date: 05/04/2009 Time: 11:50:28 Page: 2
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,183.82Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

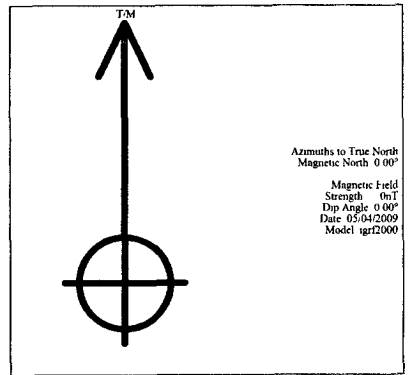
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3237.00	4.68	180.36	3125.96	724.39	-722.82	-47.59	1.97	724.39	183.77
3299.00	4.01	180.43	3187.78	729.07	-727.52	-47.62	1.08	729.07	183.74
3393.00	3.09	177.82	3281.60	734.87	-733.34	-47.55	0.99	734.88	183.71

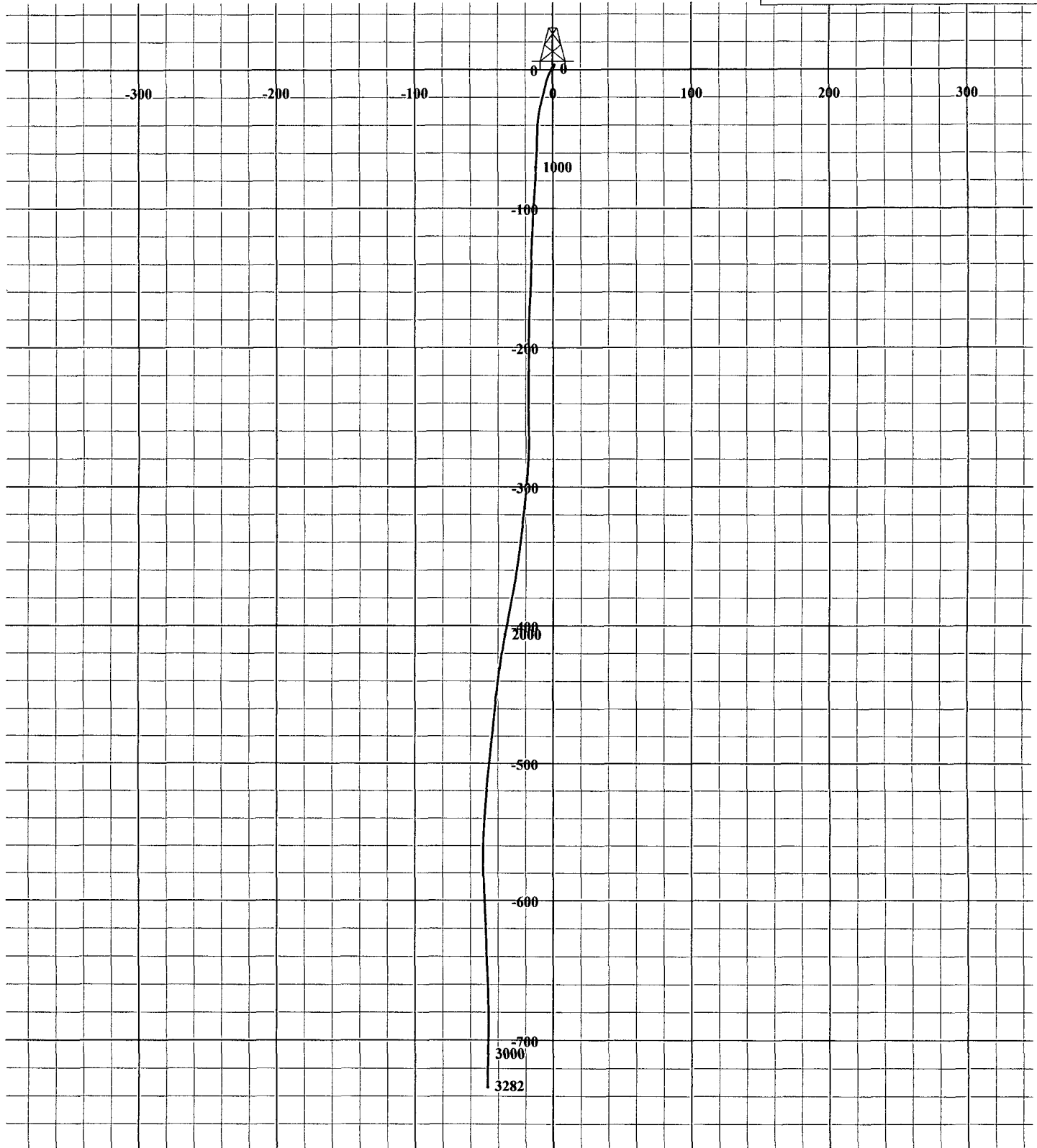


Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-6 #47M
Wellpath: DH - Job #33D0409064
Survey: 04/10/09-04/14/09



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



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