

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

☐ AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34915		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7638	*Property Name WILMUTH		*Well Number 1M
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 5755'

¹⁰ Surface Location

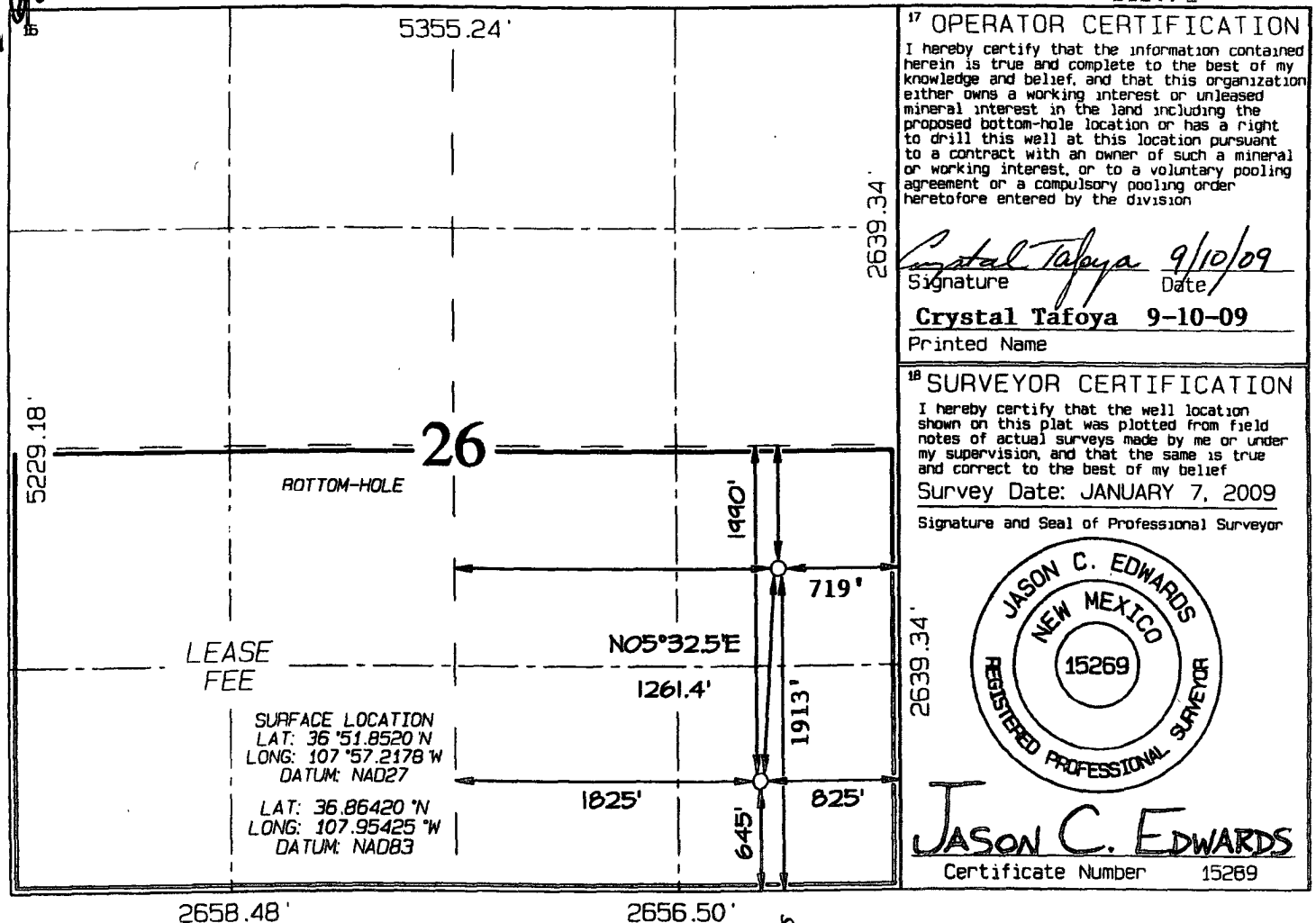
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	26	31N	11W		645	SOUTH	825	EAST	SAN JUAN

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
I	26	31N	11W		1913	SOUTH	719	EAST	SAN JUAN

¹² Dedicated Acres 320.0 Acres - S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD SEP 16 '09 OIL CONSV. 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 **DIST. 3**



ConocoPhillips

COP Deviation Report

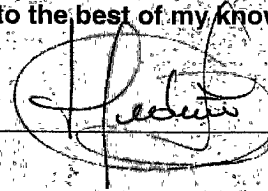
WILMUTH #1M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName WILMUTH #1M	API / UWI 3004534915	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 026-031N-011W-P	N/S Dist (ft) 645.00	N/S Ref FSL	E/W Dist (ft) 825.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/10/2009	342.00	1.01	MWD	Scientific Drilling
6/10/2009	403.00	0.43	MWD	Scientific Drilling
6/10/2009	464.00	1.45	MWD	Scientific Drilling
6/10/2009	526.00	2.97	MWD	Scientific Drilling
6/10/2009	587.00	4.44	MWD	Scientific Drilling
6/10/2009	648.00	5.81	MWD	Scientific Drilling
6/10/2009	710.00	6.94	MWD	Scientific Drilling
6/10/2009	771.00	8.41	MWD	Scientific Drilling
6/10/2009	832.00	9.81	MWD	Scientific Drilling
6/10/2009	894.00	11.13	MWD	Scientific Drilling
6/10/2009	955.00	12.28	MWD	Scientific Drilling
6/10/2009	1,016.00	13.58	MWD	Scientific Drilling
6/10/2009	1,079.00	14.64	MWD	Scientific Drilling
6/11/2009	1,142.00	15.78	MWD	Scientific Drilling
6/11/2009	1,205.00	16.78	MWD	Scientific Drilling
6/11/2009	1,269.00	17.78	MWD	Scientific Drilling
6/11/2009	1,332.00	18.62	MWD	Scientific Drilling
6/11/2009	1,395.00	19.91	MWD	Scientific Drilling
6/11/2009	1,458.00	21.19	MWD	Scientific Drilling
6/11/2009	1,521.00	22.33	MWD	Scientific Drilling
6/11/2009	1,584.00	24.25	MWD	Scientific Drilling
6/11/2009	1,647.00	25.03	MWD	Scientific Drilling
6/11/2009	1,711.00	25.99	MWD	Scientific Drilling
6/11/2009	1,774.00	26.93	MWD	Scientific Drilling
6/11/2009	1,837.00	27.37	MWD	Scientific Drilling
6/11/2009	1,900.00	27.80	MWD	Scientific Drilling
6/11/2009	1,963.00	27.91	MWD	Scientific Drilling
6/11/2009	2,027.00	27.26	MWD	Scientific Drilling
6/11/2009	2,089.00	27.26	MWD	Scientific Drilling
6/11/2009	2,152.00	26.75	MWD	Scientific Drilling
6/11/2009	2,216.00	26.52	MWD	Scientific Drilling
6/11/2009	2,279.00	25.50	MWD	Scientific Drilling
6/11/2009	2,342.00	24.67	MWD	Scientific Drilling
6/11/2009	2,405.00	24.31	MWD	Scientific Drilling
6/11/2009	2,468.00	24.29	MWD	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.



Subscribed and sworn to me this Sept. 4, 2009



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/11/2009	2,531.00	24.39	MWD	Scientific Drilling
6/11/2009	2,594.00	25.89	MWD	Scientific Drilling
6/11/2009	2,657.00	26.60	MWD	Scientific Drilling
6/11/2009	2,720.00	27.23	MWD	Scientific Drilling
6/12/2009	2,783.00	26.78	MWD	Scientific Drilling
6/12/2009	2,846.00	27.25	MWD	Scientific Drilling
6/12/2009	2,909.00	26.70	MWD	Scientific Drilling
6/12/2009	2,972.00	26.12	MWD	Scientific Drilling
6/12/2009	3,035.00	24.35	MWD	Scientific Drilling
6/12/2009	3,098.00	22.76	MWD	Scientific Drilling
6/12/2009	3,161.00	21.73	MWD	Scientific Drilling
6/12/2009	3,224.00	21.61	MWD	Scientific Drilling
6/12/2009	3,287.00	19.44	MWD	Scientific Drilling
6/12/2009	3,351.00	19.80	MWD	Scientific Drilling
6/12/2009	3,414.00	20.30	MWD	Scientific Drilling
6/12/2009	3,477.00	20.51	MWD	Scientific Drilling
6/12/2009	3,540.00	19.68	MWD	Scientific Drilling
6/12/2009	3,603.00	19.58	MWD	Scientific Drilling
6/12/2009	3,666.00	18.49	MWD	Scientific Drilling
6/12/2009	3,729.00	16.78	MWD	Scientific Drilling
6/12/2009	3,793.00	15.34	MWD	Scientific Drilling
6/12/2009	3,857.00	14.66	MWD	Scientific Drilling
6/12/2009	3,920.00	14.24	MWD	Scientific Drilling
6/12/2009	3,984.00	13.41	MWD	Scientific Drilling
6/12/2009	4,047.00	11.67	MWD	Scientific Drilling
6/13/2009	4,111.00	10.62	MWD	Scientific Drilling
6/13/2009	4,174.00	9.63	MWD	Scientific Drilling
6/13/2009	4,238.00	8.72	MWD	Scientific Drilling
6/13/2009	4,302.00	7.37	MWD	Scientific Drilling
6/13/2009	4,365.00	6.11	MWD	Scientific Drilling
6/13/2009	4,428.00	4.30	MWD	Scientific Drilling
6/13/2009	4,492.00	2.89	MWD	Scientific Drilling
6/13/2009	4,526.00	2.79	MWD	Scientific Drilling
6/14/2009	4,580.00	2.63	MWD	Scientific Drilling
6/24/2009	7,183.00	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.

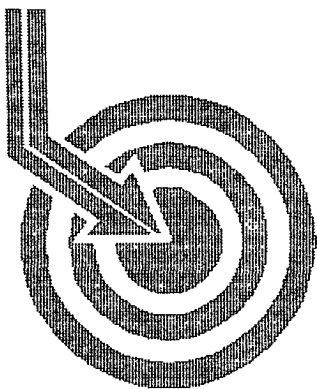
[Signature]

Subscribed and sworn to me this Sept 4, 2009

[Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

BURLINGTON RESOURCES

Field: Wilmuth
Site: Rio Arriba County, NM
Well: Wilmuth #1M
Wellpath: DH - Job #33d0609105
Survey: 06/09/09-06/14/09

RCVD SEP 16 '09

OIL CONS. DIV.

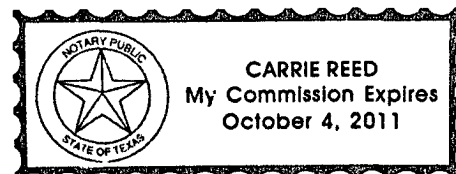
DIST. 3

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

.....Richard.....Company Representative

Notorized this date 25th of June, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 06/25/2009	Time: 11:27:48	Page: 1
Field: Wilmuth	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, True North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Wilmuth #1M	Section (VS) Reference:	Well (0.00N,0.00E,5.48Azi)	
Wellpath: DH- Job #33d0609105	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 06/09/09-06/14/09	Start Date: 06/09/2009
E-field 0'-4526'	
Company: Scientific Drilling Internatio	Engineer: Lowe/McCormick/Drake/kasbaum/B
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
342.00	1.01	141.22	341.98	-2.16	-2.35	1.89	0.30	3.01	141.22
403.00	0.43	85.97	402.98	-2.51	-2.75	2.45	1.38	3.69	138.30
464.00	1.45	24.79	463.97	-1.74	-2.04	3.00	2.13	3.63	124.12
526.00	2.97	18.68	525.92	0.56	0.20	3.85	2.48	3.85	87.06
587.00	4.44	10.40	586.79	4.46	4.02	4.78	2.56	6.24	49.96
648.00	5.81	7.35	647.55	9.89	9.40	5.60	2.29	10.94	30.79
710.00	6.94	4.67	709.16	16.78	16.25	6.31	1.88	17.43	21.22
771.00	8.41	6.15	769.62	24.92	24.36	7.09	2.43	25.37	16.22
832.00	9.81	3.26	829.85	34.58	33.98	7.86	2.41	34.88	13.02
894.00	11.13	0.09	890.81	45.81	45.24	8.17	2.32	45.97	10.24
955.00	12.28	359.27	950.54	58.12	57.61	8.10	1.90	58.18	8.00
1016.00	13.58	359.68	1009.99	71.70	71.26	7.97	2.14	71.71	6.38
1079.00	14.64	0.49	1071.09	86.99	86.62	8.00	1.71	86.99	5.28
1142.00	15.78	2.17	1131.89	103.47	103.14	8.39	1.94	103.48	4.65
1205.00	16.78	5.28	1192.36	121.12	120.76	9.55	2.11	121.13	4.52
1269.00	17.78	5.58	1253.47	140.13	139.68	11.35	1.57	140.14	4.65
1332.00	18.62	6.11	1313.32	159.80	159.26	13.36	1.36	159.82	4.80
1395.00	19.91	5.36	1372.79	180.59	179.94	15.43	2.08	180.60	4.90
1458.00	21.19	3.91	1431.78	202.70	201.98	17.21	2.19	202.71	4.87
1521.00	22.33	4.47	1490.29	226.05	225.27	18.92	1.84	226.06	4.80
1584.00	24.25	5.74	1548.15	250.95	250.08	21.15	3.15	250.97	4.83
1647.00	25.03	5.81	1605.42	277.22	276.21	23.79	1.24	277.23	4.92
1711.00	25.99	6.12	1663.18	304.78	303.62	26.66	1.51	304.79	5.02
1774.00	26.93	6.52	1719.58	332.85	331.52	29.75	1.52	332.86	5.13
1837.00	27.37	6.51	1775.63	361.59	360.09	33.01	0.70	361.60	5.24
1900.00	27.80	6.76	1831.47	390.76	389.06	36.38	0.71	390.76	5.34
1963.00	27.91	5.87	1887.17	420.19	418.32	39.62	0.68	420.19	5.41
2027.00	27.26	3.83	1943.90	449.82	447.85	42.13	1.79	449.82	5.37
2089.00	27.26	3.07	1999.01	478.20	476.19	43.84	0.56	478.20	5.26
2152.00	26.75	1.57	2055.15	506.76	504.77	45.00	1.35	506.77	5.09
2216.00	26.52	2.85	2112.35	535.40	533.44	46.10	0.97	535.43	4.94
2279.00	25.50	3.38	2168.97	563.01	561.03	47.60	1.66	563.04	4.85
2342.00	24.67	4.38	2226.03	589.71	587.67	49.41	1.48	589.75	4.81
2405.00	24.31	6.46	2283.36	615.82	613.67	51.87	1.48	615.86	4.83
2468.00	24.29	7.68	2340.78	641.73	639.40	55.06	0.80	641.76	4.92
2531.00	24.39	8.12	2398.18	667.67	665.11	58.63	0.33	667.69	5.04
2594.00	25.89	7.78	2455.21	694.41	691.62	62.33	2.39	694.42	5.15
2657.00	26.60	7.82	2511.72	722.25	719.22	66.11	1.13	722.25	5.25
2720.00	27.23	7.47	2567.89	750.75	747.49	69.90	1.03	750.75	5.34
2783.00	26.78	6.80	2624.02	779.34	775.87	73.46	0.86	779.34	5.41
2846.00	27.25	5.91	2680.15	807.95	804.31	76.62	0.98	807.95	5.44
2909.00	26.70	4.50	2736.30	836.53	832.77	79.22	1.34	836.53	5.43
2972.00	26.12	3.89	2792.72	864.54	860.71	81.27	1.02	864.54	5.39
3035.00	24.35	4.46	2849.71	891.39	887.50	83.22	2.84	891.39	5.36
3098.00	22.76	5.56	2907.46	916.57	912.58	85.41	2.62	916.57	5.35
3161.00	21.73	5.05	2965.77	940.41	936.33	87.62	1.66	940.42	5.35
3224.00	21.61	4.92	3024.31	963.68	959.50	89.64	0.21	963.68	5.34
3287.00	19.44	3.08	3083.31	985.76	981.53	91.20	3.59	985.76	5.31



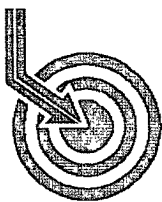
Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES Date: 06/25/2009 Time: 11:27:48 Page: 2
Field: Wilmuth Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Site: Rio Arriba County, NM Vertical (TVD) Reference: SITE 0.0
Well: Wilmuth #1M Section (VS) Reference: Well (0.00N;0.00E;5.48Azi)
Wellpath: DH - Job #33d0609105 Survey Calculation Method: Minimum Curvature Db: Sybase

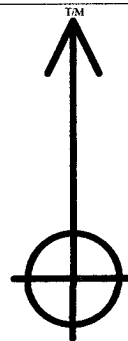
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3351.00	19.80	3.58	3143.60	1007.23	1002.99	92.45	0.62	1007.24	5.27
3414.00	20.30	4.99	3202.78	1028.82	1024.52	94.07	1.10	1028.83	5.25
3477.00	20.51	4.38	3261.82	1050.79	1046.41	95.86	0.47	1050.80	5.23
3540.00	19.68	3.16	3320.99	1072.42	1068.01	97.29	1.48	1072.43	5.20
3603.00	19.58	3.77	3380.33	1093.57	1089.14	98.57	0.36	1093.59	5.17
3666.00	18.49	1.25	3439.88	1114.09	1109.66	99.48	2.17	1114.11	5.12
3729.00	16.78	359.53	3499.92	1133.10	1128.74	99.62	2.84	1133.13	5.04
3793.00	15.34	357.65	3561.42	1150.67	1146.44	99.20	2.39	1150.72	4.95
3857.00	14.66	357.63	3623.24	1167.08	1162.99	98.52	1.06	1167.15	4.84
3920.00	14.24	357.49	3684.25	1182.65	1178.69	97.85	0.67	1182.75	4.75
3984.00	13.41	358.01	3746.39	1197.81	1193.98	97.24	1.31	1197.93	4.66
4047.00	11.67	0.41	3807.89	1211.40	1207.65	97.04	2.88	1211.54	4.59
4111.00	10.62	2.44	3870.68	1223.73	1220.01	97.33	1.75	1223.89	4.56
4174.00	9.63	5.39	3932.70	1234.80	1231.06	98.08	1.77	1234.96	4.56
4238.00	8.72	8.48	3995.88	1245.00	1241.19	99.29	1.62	1245.15	4.57
4302.00	7.37	12.44	4059.25	1253.92	1250.00	100.89	2.28	1254.06	4.61
4365.00	6.11	13.39	4121.81	1261.25	1257.20	102.54	2.01	1261.38	4.66
4428.00	4.30	16.95	4184.55	1266.89	1262.73	104.01	2.92	1267.00	4.71
4492.00	2.89	26.09	4248.42	1270.75	1266.47	105.42	2.37	1270.85	4.76
4526.00	2.79	24.19	4282.38	1272.33	1267.99	106.13	0.40	1272.43	4.78



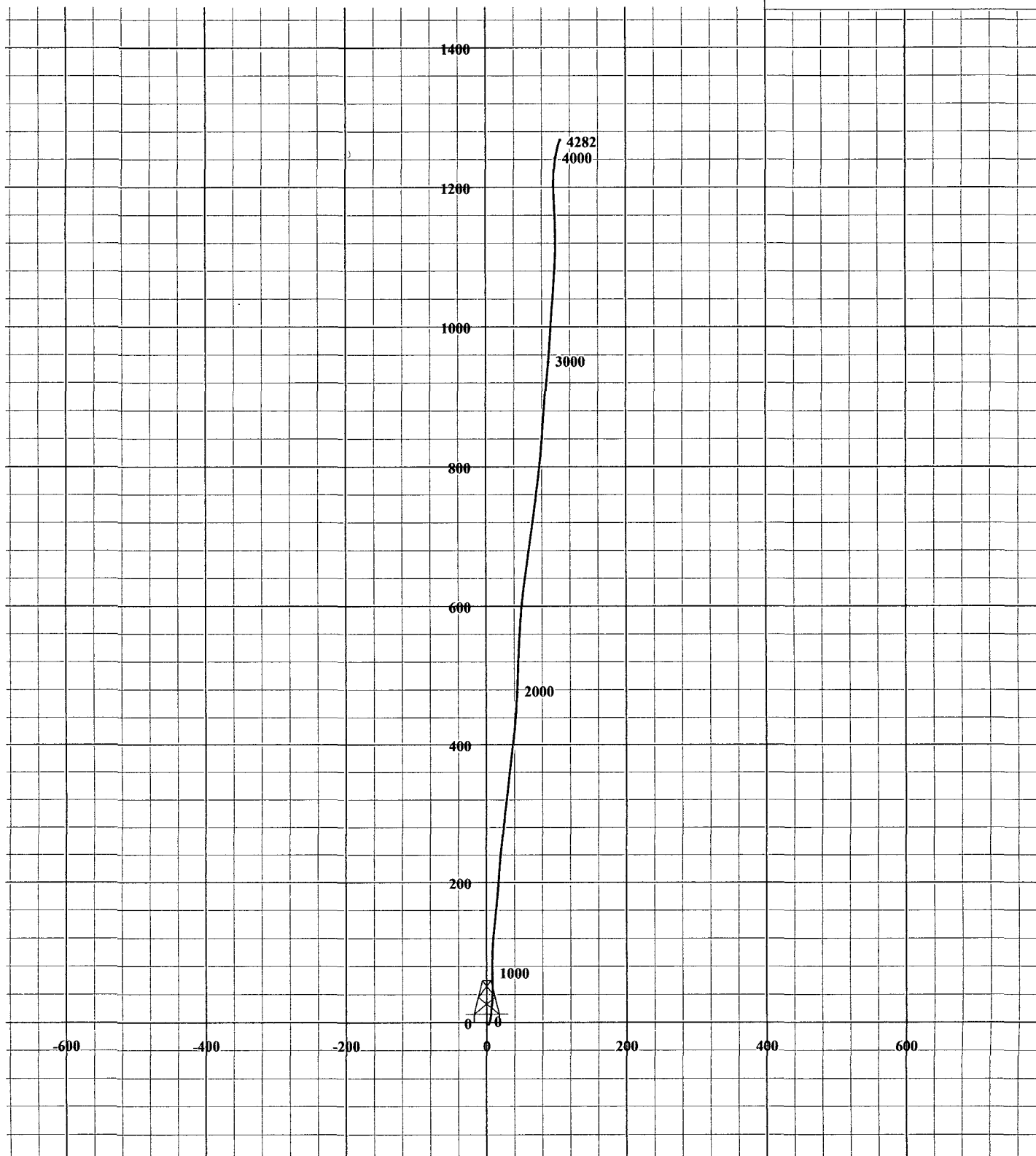
Scientific
Drilling

Field: Wilmuth
Site: Rio Arriba County, NM
Well: Wilmuth #1M
Wellpath: DH - Job #33d0609105
Survey: 06/09/09-06/14/09



Azimuths to True North
Magnetic North 0 00°
Magnetic Field
Strength 0n1
Dip Angle 0 00°
Date 06/25/2009
Model igr2000

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



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