

RCVD JUL 23 '09

OIL CONS. DIV.

DIST. 3

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORTDISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

"As Drilled Plat"
 State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30194	² Pool Code 71629/72359	³ Pool Name Basin Fruitland Coal/Blanco Pictured Cliffs
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Number 586
⁷ OGED No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6368'

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	27	29-N	7-W		1425	NORTH	545	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
H	27	29-N	7-W		1425	NORTH	902'	EAST	RIO ARriba

¹² Dedicated Acres 320 acres (SU E/2)	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**

¹⁶ SURFACE LOCATION LAT. 36.70014' N. (NAD 83) LONG. 107.55116' W. (NAD 83) LAT. 36.42.0077' N. (NAD 27) LONG. 107.33.0330' W. (NAD 27)	FD. 2 1/2" BC 1913 G.L.O. S 89-57-52 W 2643.04' (M) NMSF-078424 (FRT/PC)	FD. 2 1/2" BC 1913 G.L.O. 1425' 1425' BHL 545' 902'	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 undivided 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>Phil Valley</i> 7/23/09 Signature Date Staff Regulatory Technician Title	
	27	NMSF-078945 (FRT/PC)		N 00-11-31 W 5276.95' (C)
	Lopez, J. I. et ux (FRT/PC)	CALC'D. BY DBL PROP.		

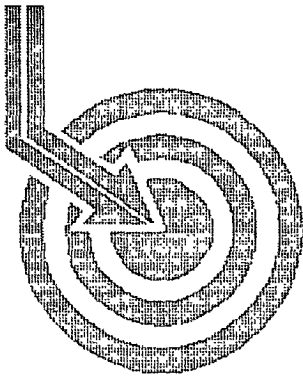
¹⁸ SURVEYOR CERTIFICATION

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 knowledge.

OCTOBER 4, 2005
 Date of Survey
 Signature of Licensed Professional Surveyor
 4-
 8894
 8894
 8894
 CERTIFIED PROFESSIONAL LAND SURVEYOR
 Certificate Number:

57/24

PC



Scientific Drilling

RCVD JUL 23 '09

OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

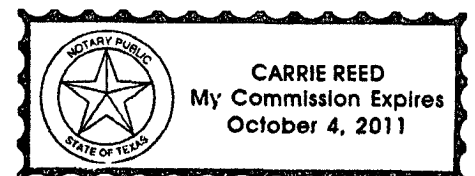
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #586
Wellpath: DH - Job #33D0309050
Survey: 03/09/09-03/13/09

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

.....Leahart.....Company Representative

Notorized this date 2nd of April, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 03/25/2009	Time: 14:40:56	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 29-7 #586	Section (VS) Reference: Well (0.00N,0.00E,270.61Azi)		
Wellpath: DH - Job #33D0309050	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 03/09/09-03/13/09	Start Date: 03/09/2009
E-field 0'-3370'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Webb/Orozco/Kasbaum/Bloss
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
266.00	1.41	189.60	265.97	0.51	-3.23	-0.55	0.53	3.27	189.60
327.00	0.94	207.48	326.96	0.85	-4.41	-0.90	0.97	4.50	191.56
389.00	0.75	222.21	388.95	1.35	-5.16	-1.41	0.46	5.35	195.27
451.00	0.57	207.97	450.95	1.77	-5.74	-1.83	0.39	6.02	197.66
512.00	0.77	206.29	511.95	2.08	-6.37	-2.15	0.33	6.72	198.65
573.00	0.65	192.65	572.94	2.33	-7.08	-2.41	0.34	7.47	198.79
634.00	0.61	188.48	633.94	2.45	-7.73	-2.53	0.10	8.14	198.12
695.00	0.55	203.50	694.93	2.61	-8.32	-2.70	0.27	8.75	197.94
759.00	0.81	198.73	758.93	2.87	-9.03	-2.96	0.42	9.51	198.16
823.00	0.71	189.02	822.92	3.07	-9.85	-3.17	0.25	10.35	197.84
887.00	0.64	168.97	886.92	3.05	-10.60	-3.16	0.38	11.06	196.63
951.00	0.67	196.49	950.92	3.08	-11.31	-3.20	0.49	11.75	195.81
1015.00	1.65	243.62	1014.90	4.01	-12.08	-4.13	2.02	12.76	198.90
1079.00	3.10	263.62	1078.85	6.54	-12.68	-6.68	2.58	14.33	207.79
1142.00	4.48	269.52	1141.71	10.70	-12.89	-10.83	2.27	16.84	220.05
1206.00	5.92	269.93	1205.44	16.50	-12.91	-16.63	2.25	21.06	232.18
1271.00	7.50	270.63	1270.00	24.09	-12.87	-24.23	2.43	27.43	242.02
1335.00	8.78	270.02	1333.35	33.15	-12.82	-33.29	2.00	35.67	248.94
1399.00	10.39	273.06	1396.45	43.80	-12.51	-43.94	2.64	45.68	254.11
1464.00	11.56	275.57	1460.26	56.15	-11.57	-56.27	1.94	57.45	258.38
1528.00	13.17	280.28	1522.78	69.72	-9.64	-69.83	2.97	70.49	262.14
1592.00	13.36	282.09	1585.07	84.16	-6.79	-84.23	0.71	84.51	265.39
1656.00	13.40	280.99	1647.34	98.70	-3.83	-98.74	0.40	98.82	267.78
1720.00	14.24	278.38	1709.48	113.79	-1.27	-113.81	1.63	113.82	269.36
1785.00	15.22	277.72	1772.35	130.18	1.04	-130.18	1.53	130.18	270.46
1848.00	15.92	277.02	1833.03	146.97	3.21	-146.95	1.15	146.98	271.25
1913.00	16.32	274.13	1895.48	164.95	4.96	-164.90	1.38	164.98	271.72
1977.00	16.51	273.04	1956.87	183.01	6.09	-182.95	0.57	183.06	271.91
2041.00	16.36	274.13	2018.26	201.09	7.22	-201.03	0.54	201.15	272.06
2105.00	16.49	274.96	2079.64	219.14	8.65	-219.06	0.42	219.24	272.26
2169.00	17.02	273.87	2140.93	237.55	10.07	-237.46	0.96	237.67	272.43
2233.00	17.20	271.04	2202.10	256.37	10.87	-256.27	1.33	256.50	272.43
2297.00	16.57	263.94	2263.34	274.90	10.08	-274.80	3.37	274.99	272.10
2361.00	12.97	260.33	2325.22	291.03	7.91	-290.96	5.80	291.07	271.56
2426.00	11.03	259.78	2388.80	304.32	5.58	-304.28	2.99	304.33	271.05
2491.00	9.22	260.66	2452.78	315.56	3.63	-315.53	2.79	315.56	270.66
2555.00	7.13	254.04	2516.13	324.41	1.71	-324.41	3.58	324.42	270.30
2620.00	5.28	253.54	2580.74	331.14	-0.25	-331.16	2.85	331.16	269.96
2684.00	3.95	265.91	2644.54	336.15	-1.24	-336.18	2.58	336.19	269.79
2747.00	2.45	266.39	2707.44	339.66	-1.48	-339.69	2.38	339.70	269.75
2811.00	1.65	259.40	2771.40	341.93	-1.73	-341.96	1.31	341.97	269.71
2875.00	1.60	269.54	2835.37	343.72	-1.91	-343.76	0.46	343.77	269.68
2938.00	1.84	273.39	2898.34	345.61	-1.86	-345.65	0.42	345.66	269.69
3002.00	1.72	275.48	2962.31	347.60	-1.71	-347.63	0.21	347.64	269.72
3066.00	1.84	277.73	3026.28	349.57	-1.48	-349.61	0.22	349.61	269.76
3131.00	1.66	283.42	3091.25	351.53	-1.12	-351.56	0.38	351.56	269.82
3194.00	1.25	275.66	3154.23	353.10	-0.84	-353.13	0.72	353.13	269.86
3258.00	1.21	277.57	3218.21	354.47	-0.68	-354.49	0.09	354.49	269.89



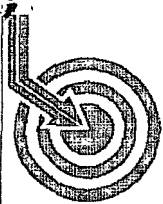
Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES Date: 03/25/2009 Time: 14:40:56 Page: 2
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 29-7 #586 Section (VS) Reference: Well (0.00N,0.00E,270.61Azi)
Wellpath: DH - Job #33D0309050 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
3322.00	1.25	279.47	3282.20	355.83	-0.48	-355.85	0.09	355.85	269.92
3370.00	1.20	277.14	3330.19	356.84	-0.33	-356.87	0.15	356.87	269.95



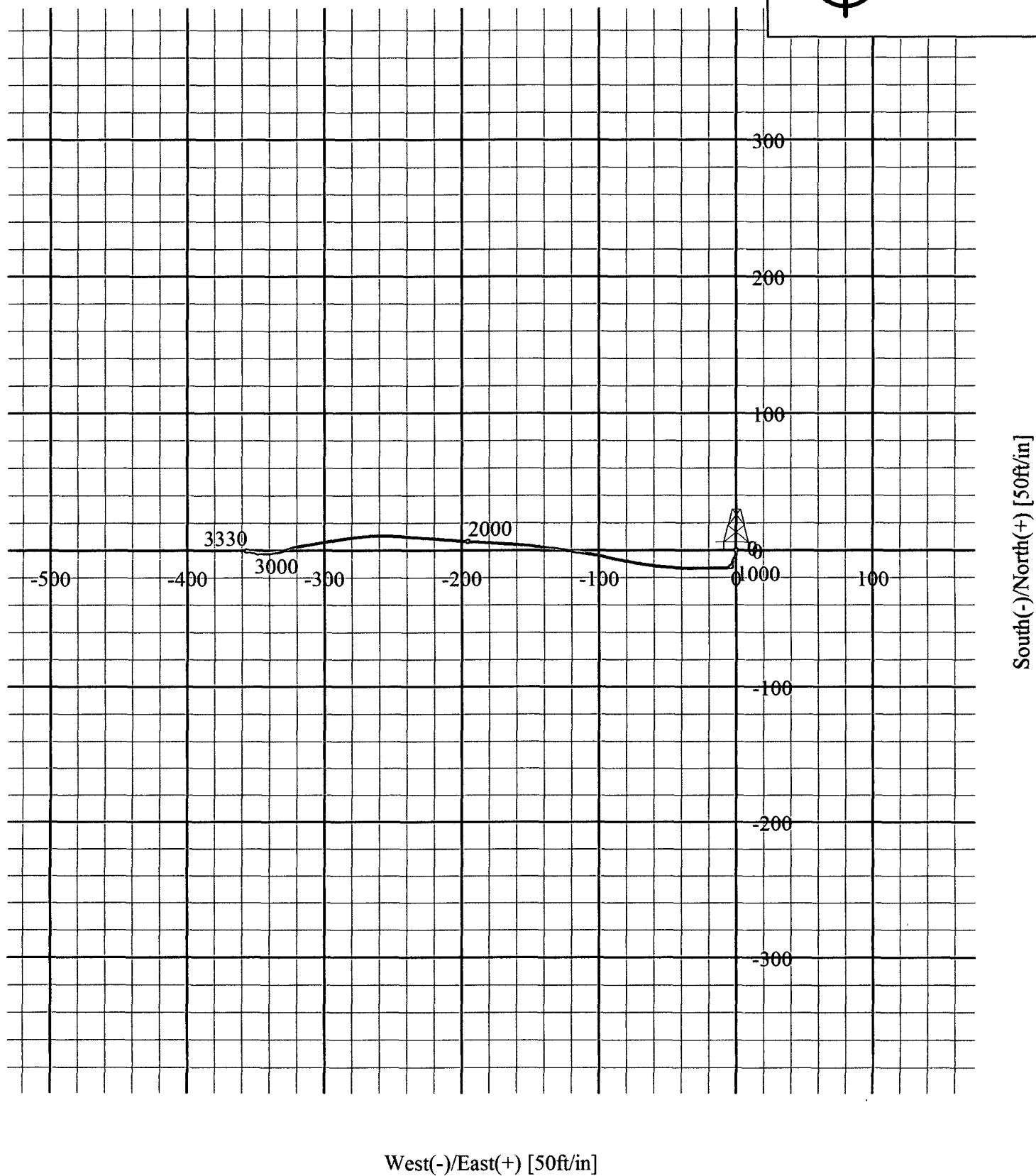
Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #586
Wellpath: DH - Job #33D0309050
Survey: 03/09/09-03/13/09



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 03/25/2009
Model: igrf2000





COP Deviation Report
SAN JUAN 29-7 UNIT #586

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 29-7 UNIT #586	API / UWI 3003930194	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 027-029N-007W-H	N/S Dist (ft) 1,425.00	N/S Ref FNL	E/W Dist (ft) 545.00	E/W Ref FEL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/6/2009	130.00	0.75	DEVIATION	MOTÉ	
3/6/2009	230.00	1.75	DEVIATION	MOTÉ	
3/10/2009	266.00	1.41	MWD	Scientific Drilling	
3/10/2009	327.00	0.94	MWD	Scientific Drilling	
3/10/2009	389.00	0.75	MWD	Scientific Drilling	
3/10/2009	451.00	0.57	MWD	Scientific Drilling	
3/10/2009	512.00	0.77	MWD	Scientific Drilling	
3/10/2009	573.00	0.65	MWD	Scientific Drilling	
3/10/2009	634.00	0.61	MWD	Scientific Drilling	
3/10/2009	695.00	0.55	MWD	Scientific Drilling	
3/10/2009	759.00	0.81	MWD	Scientific Drilling	
3/10/2009	823.00	0.71	MWD	Scientific Drilling	
3/10/2009	887.00	0.64	MWD	Scientific Drilling	
3/10/2009	951.00	0.67	MWD	Scientific Drilling	
3/10/2009	1,015.00	1.65	MWD	Scientific Drilling	
3/10/2009	1,079.00	3.10	MWD	Scientific Drilling	
3/10/2009	1,142.00	4.48	MWD	Scientific Drilling	
3/10/2009	1,206.00	5.92	MWD	Scientific Drilling	
3/10/2009	1,271.00	7.50	MWD	Scientific Drilling	
3/10/2009	1,335.00	8.78	MWD	Scientific Drilling	
3/10/2009	1,399.00	10.39	MWD	Scientific Drilling	
3/10/2009	1,464.00	11.56	MWD	Scientific Drilling	
3/10/2009	1,528.00	13.17	MWD	Scientific Drilling	
3/10/2009	1,592.00	13.36	MWD	Scientific Drilling	
3/10/2009	1,656.00	13.40	MWD	Scientific Drilling	
3/10/2009	1,720.00	14.24	MWD	Scientific Drilling	
3/10/2009	1,785.00	15.22	MWD	Scientific Drilling	
3/10/2009	1,848.00	15.92	MWD	Scientific Drilling	
3/10/2009	1,913.00	16.32	MWD	Scientific Drilling	
3/10/2009	1,977.00	16.51	MWD	Scientific Drilling	
3/10/2009	2,041.00	16.36	MWD	Scientific Drilling	
3/10/2009	2,105.00	16.49	MWD	Scientific Drilling	
3/10/2009	2,169.00	17.02	MWD	Scientific Drilling	
3/10/2009	2,233.00	17.20	MWD	Scientific Drilling	
3/11/2009	2,297.00	16.57	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

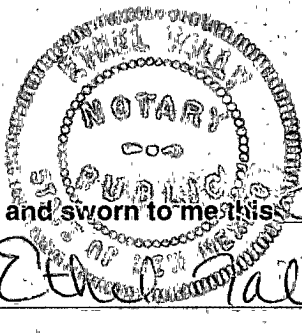
My Commission expires _____

RCUD JUL 23 '09
OIL CONC. DIV.
DIST. 3

Survey Data

Date	MDI (ft/KB)	Incl (°)	Method	Survey Company
3/11/2009	2,361.00	12.97	MWD	Scientific Drilling
3/11/2009	2,426.00	11.03	MWD	Scientific Drilling
3/11/2009	2,491.00	9.22	MWD	Scientific Drilling
3/11/2009	2,555.00	7.13	MWD	Scientific Drilling
3/11/2009	2,620.00	5.28	MWD	Scientific Drilling
3/11/2009	2,684.00	3.95	MWD	Scientific Drilling
3/11/2009	2,747.00	2.45	MWD	Scientific Drilling
3/12/2009	2,811.00	1.65	MWD	Scientific Drilling
3/12/2009	2,875.00	1.60	MWD	Scientific Drilling
3/12/2009	2,938.00	1.84	MWD	Scientific Drilling
3/12/2009	3,002.00	1.72	MWD	Scientific Drilling
3/12/2009	3,066.00	1.84	MWD	Scientific Drilling
3/12/2009	3,131.00	1.66	MWD	Scientific Drilling
3/12/2009	3,194.00	1.25	MWD	Scientific Drilling
3/12/2009	3,258.00	1.21	MWD	Scientific Drilling
3/13/2009	3,322.00	1.25	MWD	Scientific Drilling
3/13/2009	3,370.00	1.20	MWD	Scientific Drilling
3/13/2009	3,428.00	1.14	Extrap.	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as 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

July 23rd

Ethel Galby

Notary Public in and for San Juan County, New Mexico

My Commission expires

Oct 1, 2012