

As Drilled Plat

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 - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT
As filed

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30273	² Pool Code 72319 / 71599	³ Pool Name Blanco Mesaverde / Basin Dakota
⁴ Property Code 7452	⁵ Property Name San Juan 27-4 Unit	
⁷ OGRID No. 14538	⁶ Operator Name Burlington Resources Oil & Gas Company, LP	⁸ Well Number 42N
		⁹ Elevation 6712'

¹⁰ Surface Location

UL or lot no. N	Section 8	Township 27N	Range 4W	Lot Idn	Feet from the 1275'	North/South line South	Feet from the 1580'	East/West line West	County Rio Arriba
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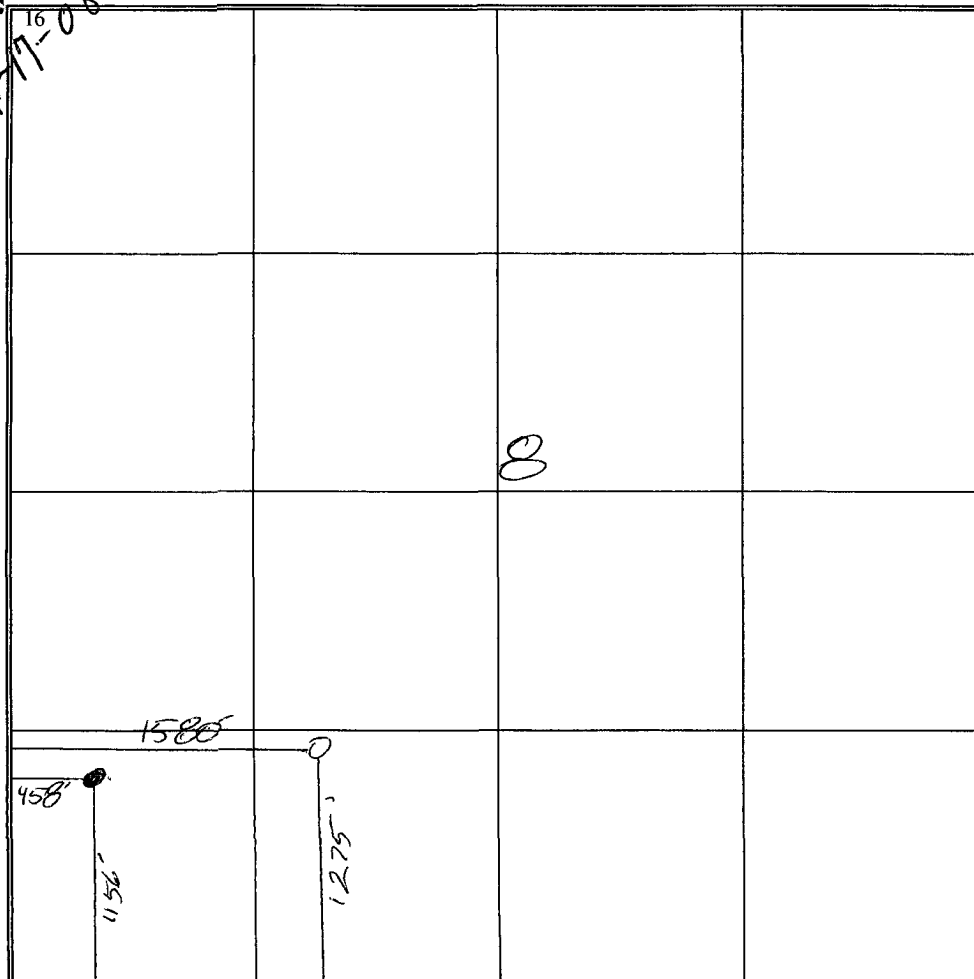
¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 8	Township 27N	Range 4W	Lot Idn	Feet from the 1156'	North/South line South	Feet from the 458'	East/West line West	County Rio Arriba
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¹² Dedicated Acres 320 acres (MV/DK)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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RECD NOV 13 08
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.



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 Kelly Jeffery Date 11-11-08

Kelly Jeffery
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.

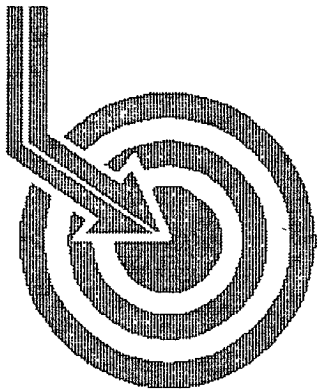
Survey Date: September 5, 2006
Date of Survey

Signature and Seal of Professional Surveyor

Jason C. Edwards 15269

Certificate Number

11/17



Scientific Drilling

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #42N
Wellpath: DH - Job #33D0608135
Survey: 07/01/08-07/06/08

RCVD NOV 7 '08

OIL CONS. DIV.

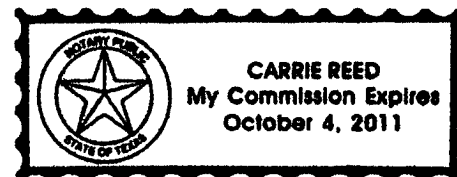
DIST. 3

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

.....Shuarta.....Company Representative

Notorized this date 4th of August, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #42N
Wellpath: DH - Job #33D0608135

Date: 07/31/2008
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,264.04Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Page: 1

Survey: 07/01/08-07/06/08
Start Date: 07/01/2008
Company: Scientific Drilling Internatio
Engineer: Calvert/Gillespie/Fleming
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
302.00	0.74	132.64	301.99	-1.29	-1.32	1.43	0.25	1.95	132.64
363.00	0.10	220.02	362.99	-1.51	-1.63	1.69	1.22	2.35	133.94
425.00	1.32	281.20	424.98	-0.79	-1.53	0.95	2.06	1.80	148.06
486.00	2.95	261.31	485.94	1.45	-1.63	-1.29	2.90	2.08	218.24
547.00	4.73	262.27	546.80	5.53	-2.21	-5.33	2.92	5.77	247.50
608.00	5.48	260.86	607.56	10.95	-3.01	-10.70	1.25	11.11	254.29
670.00	7.03	263.52	669.19	17.70	-3.91	-17.39	2.54	17.82	257.34
731.00	8.09	265.30	729.66	25.73	-4.68	-25.38	1.78	25.81	259.55
793.00	9.68	266.15	790.91	35.30	-5.39	-34.93	2.57	35.34	261.23
855.00	10.96	265.49	851.91	46.40	-6.20	-46.00	2.07	46.42	262.32
917.00	12.36	264.30	912.63	58.93	-7.32	-58.48	2.29	58.94	262.86
979.00	13.96	262.22	973.00	73.04	-9.00	-72.50	2.69	73.05	262.93
1040.00	15.09	266.22	1032.05	88.33	-10.51	-87.71	2.48	88.34	263.16
1102.00	17.05	265.81	1091.62	105.48	-11.71	-104.83	3.17	105.48	263.63
1165.00	18.42	265.12	1151.63	124.66	-13.23	-123.96	2.20	124.66	263.91
1227.00	20.36	264.57	1210.11	145.25	-15.09	-144.46	3.14	145.25	264.04
1290.00	21.68	264.54	1268.91	167.84	-17.23	-166.95	2.10	167.84	264.11
1352.00	23.73	264.94	1326.11	191.77	-19.42	-190.78	3.32	191.77	264.19
1415.00	25.21	263.37	1383.45	217.86	-22.09	-216.74	2.57	217.86	264.18
1478.00	26.21	262.51	1440.21	245.19	-25.45	-243.86	1.69	245.19	264.04
1541.00	26.78	261.73	1496.59	273.28	-29.31	-271.70	1.06	273.28	263.84
1603.00	27.10	264.39	1551.87	301.35	-32.70	-299.58	2.01	301.36	263.77
1667.00	27.16	262.53	1608.82	330.53	-36.02	-328.57	1.33	330.54	263.74
1731.00	27.73	260.52	1665.62	360.00	-40.37	-357.74	1.70	360.01	263.56
1795.00	27.60	263.32	1722.31	389.69	-44.55	-387.15	2.04	389.71	263.44
1858.00	26.80	265.41	1778.34	418.48	-47.38	-415.81	1.98	418.50	263.50
1921.00	27.21	265.11	1834.47	447.08	-49.75	-444.31	0.69	447.09	263.61
1984.00	25.48	265.74	1890.93	475.03	-51.98	-472.18	2.78	475.03	263.72
2047.00	24.61	266.45	1948.00	501.68	-53.80	-498.79	1.46	501.68	263.84
2109.00	23.63	266.70	2004.59	526.99	-55.32	-524.08	1.59	526.99	263.97
2173.00	23.41	266.36	2063.27	552.51	-56.86	-549.57	0.40	552.51	264.09
2236.00	23.63	264.73	2121.04	577.64	-58.82	-574.64	1.09	577.64	264.16
2299.00	24.86	265.84	2178.48	603.50	-60.94	-600.42	2.08	603.50	264.20
2361.00	24.38	265.13	2234.85	629.32	-62.97	-626.17	0.91	629.32	264.26
2424.00	25.58	263.53	2291.95	655.92	-65.60	-652.64	2.19	655.93	264.26
2486.00	24.66	263.12	2348.09	682.24	-68.66	-678.78	1.51	682.24	264.22
2549.00	25.10	264.06	2405.24	708.74	-71.62	-705.12	0.94	708.75	264.20
2612.00	25.16	264.66	2462.28	735.50	-74.25	-731.74	0.42	735.50	264.21
2674.00	26.29	263.62	2518.13	762.41	-77.00	-758.51	1.96	762.41	264.20
2737.00	26.59	263.75	2574.54	790.46	-80.09	-786.39	0.48	790.46	264.19
2800.00	27.08	264.76	2630.76	818.89	-82.93	-814.69	1.06	818.90	264.19
2862.00	26.92	264.02	2686.00	847.04	-85.68	-842.70	0.60	847.04	264.19
2924.00	26.30	263.91	2741.43	874.81	-88.60	-870.32	1.00	874.81	264.19
2987.00	25.41	261.92	2798.13	902.28	-91.98	-897.58	1.97	902.28	264.15
3050.00	23.86	262.27	2855.39	928.52	-95.60	-923.59	2.47	928.52	264.09
3113.00	22.74	265.20	2913.25	953.43	-98.33	-948.35	2.56	953.43	264.08
3177.00	21.38	264.91	2972.57	977.47	-100.40	-972.30	2.13	977.47	264.10
3240.00	20.13	264.60	3031.48	999.79	-102.44	-994.53	1.99	999.79	264.12



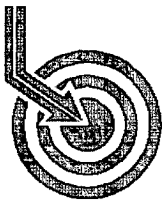
Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #42N
Wellpath: DH - Job #33D0608135

Date: 07/31/2008 Time: 20:52:17 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,264.04Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

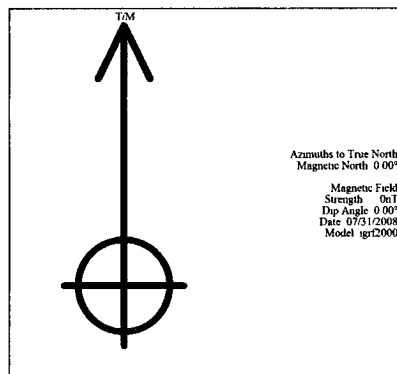
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3304.00	19.81	263.39	3091.63	1021.64	-104.72	-1016.26	0.82	1021.65	264.12
3367.00	17.15	263.17	3151.38	1041.61	-107.06	-1036.10	4.22	1041.61	264.10
3429.00	15.28	263.37	3210.91	1058.92	-109.09	-1053.29	3.02	1058.92	264.09
3492.00	13.48	266.57	3271.93	1074.56	-110.49	-1068.86	3.12	1074.56	264.10
3553.00	11.66	265.28	3331.47	1087.83	-111.42	-1082.11	3.02	1087.83	264.12
3615.00	9.18	260.93	3392.44	1099.03	-112.71	-1093.24	4.19	1099.03	264.11
3678.00	7.43	257.30	3454.78	1108.09	-114.40	-1102.17	2.90	1108.09	264.07
3742.00	5.93	251.90	3518.34	1115.44	-116.34	-1109.35	2.54	1115.44	264.01
3806.00	4.10	255.83	3582.10	1120.93	-117.93	-1114.71	2.91	1120.93	263.96
3869.00	3.03	259.03	3644.97	1124.82	-118.79	-1118.53	1.73	1124.82	263.94
3931.00	2.17	258.67	3706.91	1127.62	-119.34	-1121.29	1.39	1127.62	263.93
3955.00	2.07	261.39	3730.89	1128.51	-119.49	-1122.17	0.59	1128.51	263.92



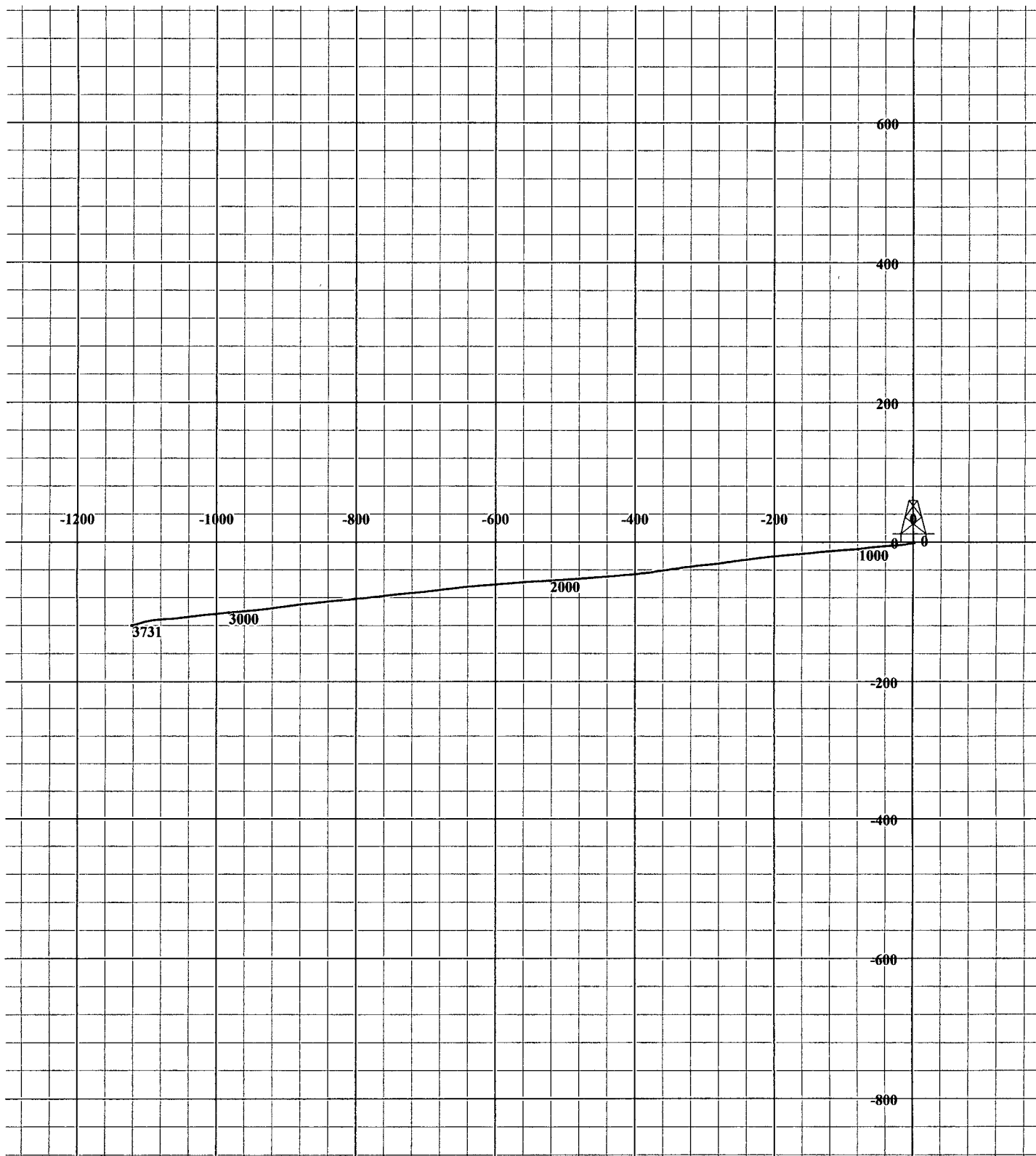
Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #42N
Wellpath: DH - Job #33D0608135
Survey: 07/01/08-07/06/08



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

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





COP Deviation Report
SAN JUAN 27-4 UNIT #42N

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName SAN JUAN 27-4 UNIT #42N	API / UWI 3003930273	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 008-027N-004W-N	N/S Dist (ft) 1,275.00	N/S Ref FSL	E/W Dist (ft) 1,580.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/5/2008	125.00	1.00	DEVIATION	MOTE
6/5/2008	225.00	2.00	DEVIATION	MOTE
7/3/2008	302.00	0.74	MWD	Scientific Drilling
7/3/2008	363.00	0.10	MWD	Scientific Drilling
7/3/2008	425.00	1.32	MWD	Scientific Drilling
7/3/2008	486.00	2.95	MWD	Scientific Drilling
7/3/2008	547.00	4.73	MWD	Scientific Drilling
7/3/2008	608.00	5.48	MWD	Scientific Drilling
7/3/2008	670.00	7.03	MWD	Scientific Drilling
7/3/2008	731.00	8.09	MWD	Scientific Drilling
7/3/2008	793.00	9.68	MWD	Scientific Drilling
7/3/2008	855.00	10.96	MWD	Scientific Drilling
7/3/2008	917.00	12.36	MWD	Scientific Drilling
7/3/2008	979.00	13.96	MWD	Scientific Drilling
7/3/2008	1,040.00	15.09	MWD	Scientific Drilling
7/3/2008	1,102.00	17.05	MWD	Scientific Drilling
7/3/2008	1,165.00	18.42	MWD	Scientific Drilling
7/3/2008	1,227.00	20.36	MWD	Scientific Drilling
7/3/2008	1,290.00	21.68	MWD	Scientific Drilling
7/3/2008	1,352.00	23.73	MWD	Scientific Drilling
7/3/2008	1,415.00	25.21	MWD	Scientific Drilling
7/3/2008	1,478.00	26.21	MWD	Scientific Drilling
7/3/2008	1,541.00	26.78	MWD	Scientific Drilling
7/3/2008	1,603.00	27.10	MWD	Scientific Drilling
7/3/2008	1,667.00	27.16	MWD	Scientific Drilling
7/3/2008	1,731.00	27.73	MWD	Scientific Drilling
7/3/2008	1,795.00	27.60	MWD	Scientific Drilling
7/3/2008	1,858.00	26.80	MWD	Scientific Drilling
7/3/2008	1,921.00	27.21	MWD	Scientific Drilling
7/3/2008	1,984.00	25.48	MWD	Scientific Drilling
7/3/2008	2,047.00	24.61	MWD	Scientific Drilling
7/3/2008	2,109.00	23.63	MWD	Scientific Drilling
7/3/2008	2,173.00	23.41	MWD	Scientific Drilling
7/3/2008	2,236.00	23.63	MWD	Scientific Drilling
7/3/2008	2,299.00	24.86	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 _____

NOV 7 '08
OIL CONS. DIV.

DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

SAN JUAN 27-4 UNIT #42N

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/3/2008	2,361.00	24.38	MWD	Scientific Drilling
7/3/2008	2,424.00	25.58	MWD	Scientific Drilling
7/4/2008	2,486.00	24.66	MWD	Scientific Drilling
7/4/2008	2,549.00	25.10	MWD	Scientific Drilling
7/4/2008	2,612.00	25.16	MWD	Scientific Drilling
7/4/2008	2,674.00	26.29	MWD	Scientific Drilling
7/4/2008	2,737.00	26.59	MWD	Scientific Drilling
7/4/2008	2,800.00	27.08	MWD	Scientific Drilling
7/4/2008	2,862.00	26.92	MWD	Scientific Drilling
7/4/2008	2,924.00	26.30	MWD	Scientific Drilling
7/4/2008	2,987.00	25.41	MWD	Scientific Drilling
7/4/2008	3,050.00	23.86	MWD	Scientific Drilling
7/5/2008	3,113.00	22.74	MWD	Scientific Drilling
7/5/2008	3,177.00	21.38	MWD	Scientific Drilling
7/5/2008	3,240.00	20.13	MWD	Scientific Drilling
7/5/2008	3,304.00	19.81	MWD	Scientific Drilling
7/5/2008	3,367.00	17.15	MWD	Scientific Drilling
7/5/2008	3,429.00	15.28	MWD	Scientific Drilling
7/5/2008	3,492.00	13.48	MWD	Scientific Drilling
7/5/2008	3,553.00	11.66	MWD	Scientific Drilling
7/5/2008	3,615.00	9.18	MWD	Scientific Drilling
7/5/2008	3,678.00	7.43	MWD	Scientific Drilling
7/5/2008	3,742.00	5.93	MWD	Scientific Drilling
7/5/2008	3,806.00	4.10	MWD	Scientific Drilling
7/5/2008	3,869.00	3.03	MWD	Scientific Drilling
7/5/2008	3,931.00	2.17	MWD	Scientific Drilling
7/5/2008	3,955.00	2.07	MWD	Scientific Drilling
7/18/2008	8,114.00	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.

Alb G. Lito

Subscribed and sworn to me this Nov 6 2008

[Signature]
Notary Public in and for San Juan County, New Mexico

My Commission expires Oct 9 2012