

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

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

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

DISTRICT IV
1220 South 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

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-34807	Pool Code 71599 / 72319	Pool Name BASIN	DAKOTA / MESA VERDE
Property Code 7411	Property Name RANDELMON	Well Number 1B	
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Elevation 5730'	

¹⁰ Surface Location

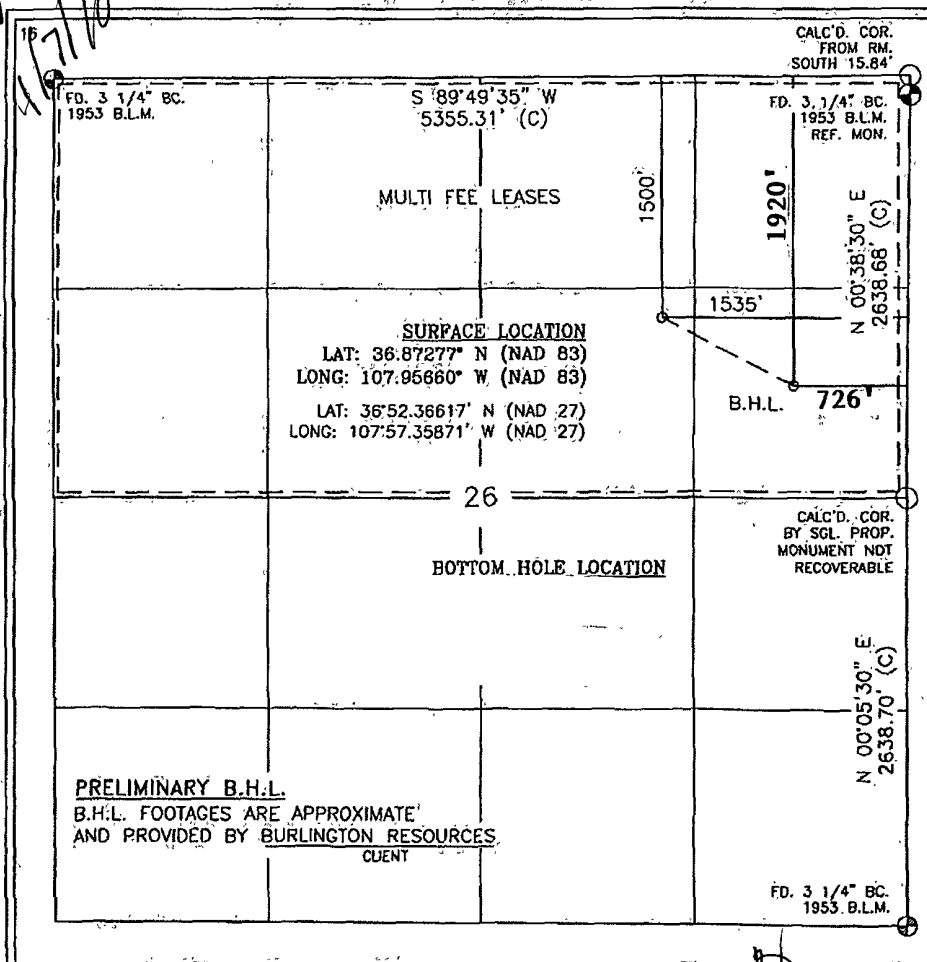
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	31-N	11-W		1500	NORTH	1535	EAST	SAN JUAN

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
H	26	31-N	11-W		1920	NORTH	726	EAST	SAN JUAN

Dedicated Acres N/2 - 320 ACRES	Joint or Infill	Consolidation Code	Order No. RCVD JAN 5 '10 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 **DIST. 3**



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.

Crystal Tafoya 1/4/2010
Signature Date
Crystal Tafoya 1/4/2010
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 knowledge and belief.

JANUARY 15, 2009
Date of Survey
Signature and Seal of Professional Surveyor
ROY A. RUSH
8894
REGISTERED PROFESSIONAL LAND SURVEYOR
8894
Certificate Number



COP Deviation Report

RANDLEMON #1B

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName RANDLEMON #1B	API / UWI 3004534807	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 026-031N-011W-G	N/S Dist (ft) 1,500.00	N/S Ref FNL	E/W Dist (ft) 1,535.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/11/2009	270.00	0.17	MWD	Scientific Drilling
10/11/2009	301.00	0.42	MWD	Scientific Drilling
10/11/2009	332.00	0.41	MWD	Scientific Drilling
10/11/2009	363.00	0.72	MWD	Scientific Drilling
10/11/2009	372.00	0.34	MWD	Scientific Drilling
10/11/2009	402.00	0.60	MWD	Scientific Drilling
10/11/2009	433.00	1.13	MWD	Scientific Drilling
10/11/2009	464.00	1.17	MWD	Scientific Drilling
10/11/2009	495.00	1.46	MWD	Scientific Drilling
10/11/2009	526.00	2.06	MWD	Scientific Drilling
10/12/2009	556.00	2.60	MWD	Scientific Drilling
10/12/2009	587.00	2.86	MWD	Scientific Drilling
10/12/2009	618.00	3.47	MWD	Scientific Drilling
10/12/2009	648.00	3.95	MWD	Scientific Drilling
10/12/2009	679.00	4.61	MWD	Scientific Drilling
10/12/2009	710.00	5.19	MWD	Scientific Drilling
10/12/2009	741.00	5.83	MWD	Scientific Drilling
10/12/2009	771.00	6.69	MWD	Scientific Drilling
10/12/2009	800.00	7.27	MWD	Scientific Drilling
10/12/2009	831.00	8.20	MWD	Scientific Drilling
10/12/2009	862.00	9.33	MWD	Scientific Drilling
10/12/2009	893.00	9.79	MWD	Scientific Drilling
10/12/2009	925.00	10.02	MWD	Scientific Drilling
10/12/2009	956.00	10.42	MWD	Scientific Drilling
10/12/2009	988.00	10.72	MWD	Scientific Drilling
10/12/2009	1,019.00	11.25	MWD	Scientific Drilling
10/12/2009	1,051.00	12.03	MWD	Scientific Drilling
10/12/2009	1,082.00	12.90	MWD	Scientific Drilling
10/12/2009	1,114.00	13.74	MWD	Scientific Drilling
10/12/2009	1,145.00	14.52	MWD	Scientific Drilling
10/12/2009	1,177.00	15.35	MWD	Scientific Drilling
10/12/2009	1,208.00	16.42	MWD	Scientific Drilling
10/12/2009	1,239.00	16.83	MWD	Scientific Drilling
10/12/2009	1,271.00	18.03	MWD	Scientific Drilling
10/12/2009	1,302.00	18.48	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
10/12/2009	1,334.00	18.88	MWD	Scientific Drilling
10/12/2009	1,365.00	19.36	MWD	Scientific Drilling
10/12/2009	1,397.00	19.99	MWD	Scientific Drilling
10/12/2009	1,428.00	20.74	MWD	Scientific Drilling
10/12/2009	1,460.00	21.21	MWD	Scientific Drilling
10/12/2009	1,491.00	21.68	MWD	Scientific Drilling
10/12/2009	1,523.00	22.09	MWD	Scientific Drilling
10/12/2009	1,554.00	22.31	MWD	Scientific Drilling
10/12/2009	1,586.00	22.47	MWD	Scientific Drilling
10/12/2009	1,618.00	22.57	MWD	Scientific Drilling
10/12/2009	1,649.00	22.70	MWD	Scientific Drilling
10/12/2009	1,681.00	22.95	MWD	Scientific Drilling
10/12/2009	1,713.00	23.16	MWD	Scientific Drilling
10/12/2009	1,744.00	23.19	MWD	Scientific Drilling
10/12/2009	1,776.00	23.18	MWD	Scientific Drilling
10/12/2009	1,808.00	23.29	MWD	Scientific Drilling
10/12/2009	1,840.00	23.18	MWD	Scientific Drilling
10/12/2009	1,871.00	22.95	MWD	Scientific Drilling
10/12/2009	1,903.00	22.42	MWD	Scientific Drilling
10/12/2009	1,934.00	22.10	MWD	Scientific Drilling
10/12/2009	1,965.00	21.89	MWD	Scientific Drilling
10/12/2009	1,997.00	21.53	MWD	Scientific Drilling
10/12/2009	2,029.00	20.81	MWD	Scientific Drilling
10/12/2009	2,061.00	20.50	MWD	Scientific Drilling
10/12/2009	2,092.00	20.08	MWD	Scientific Drilling
10/12/2009	2,124.00	19.71	MWD	Scientific Drilling
10/12/2009	2,156.00	19.35	MWD	Scientific Drilling
10/12/2009	2,188.00	18.73	MWD	Scientific Drilling
10/12/2009	2,219.00	18.50	MWD	Scientific Drilling
10/12/2009	2,251.00	18.42	MWD	Scientific Drilling
10/12/2009	2,282.00	18.48	MWD	Scientific Drilling
10/12/2009	2,314.00	18.86	MWD	Scientific Drilling
10/12/2009	2,345.00	19.76	MWD	Scientific Drilling
10/12/2009	2,377.00	20.52	MWD	Scientific Drilling
10/12/2009	2,409.00	20.43	MWD	Scientific Drilling
10/12/2009	2,441.00	20.01	MWD	Scientific Drilling
10/12/2009	2,472.00	19.80	MWD	Scientific Drilling
10/12/2009	2,504.00	19.95	MWD	Scientific Drilling
10/12/2009	2,535.00	20.14	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
RANDLEMON #1B**

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/12/2009	2,567.00	19.98	MWD	Scientific Drilling
10/13/2009	2,598.00	19.71	MWD	Scientific Drilling
10/13/2009	2,630.00	19.34	MWD	Scientific Drilling
10/13/2009	2,661.00	18.71	MWD	Scientific Drilling
10/13/2009	2,693.00	18.31	MWD	Scientific Drilling
10/13/2009	2,724.00	18.30	MWD	Scientific Drilling
10/13/2009	2,755.00	18.54	MWD	Scientific Drilling
10/13/2009	2,787.00	18.66	MWD	Scientific Drilling
10/13/2009	2,818.00	18.92	MWD	Scientific Drilling
10/13/2009	2,850.00	19.31	MWD	Scientific Drilling
10/13/2009	2,882.00	19.28	MWD	Scientific Drilling
10/13/2009	2,914.00	19.21	MWD	Scientific Drilling
10/13/2009	2,946.00	18.69	MWD	Scientific Drilling
10/13/2009	2,978.00	18.01	MWD	Scientific Drilling
10/13/2009	3,009.00	17.58	MWD	Scientific Drilling
10/13/2009	3,041.00	17.27	MWD	Scientific Drilling
10/13/2009	3,072.00	16.91	MWD	Scientific Drilling
10/13/2009	3,104.00	16.33	MWD	Scientific Drilling
10/13/2009	3,135.00	15.68	MWD	Scientific Drilling
10/13/2009	3,167.00	15.16	MWD	Scientific Drilling
10/13/2009	3,198.00	14.73	MWD	Scientific Drilling
10/13/2009	3,230.00	14.39	MWD	Scientific Drilling
10/13/2009	3,262.00	13.73	MWD	Scientific Drilling
10/13/2009	3,293.00	13.38	MWD	Scientific Drilling
10/13/2009	3,325.00	12.73	MWD	Scientific Drilling
10/13/2009	3,356.00	12.47	MWD	Scientific Drilling
10/13/2009	3,388.00	12.38	MWD	Scientific Drilling
10/13/2009	3,419.00	11.85	MWD	Scientific Drilling
10/13/2009	3,451.00	11.36	MWD	Scientific Drilling
10/13/2009	3,482.00	10.84	MWD	Scientific Drilling
10/13/2009	3,514.00	10.35	MWD	Scientific Drilling
10/13/2009	3,546.00	9.83	MWD	Scientific Drilling
10/13/2009	3,577.00	9.21	MWD	Scientific Drilling
10/13/2009	3,608.00	8.99	MWD	Scientific Drilling
10/13/2009	3,640.00	8.42	MWD	Scientific Drilling
10/13/2009	3,671.00	7.87	MWD	Scientific Drilling
10/13/2009	3,703.00	7.36	MWD	Scientific Drilling
10/13/2009	3,734.00	7.13	MWD	Scientific Drilling
10/13/2009	3,766.00	7.11	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
10/13/2009	3,797.00	7.01	MWD	Scientific Drilling
10/13/2009	3,829.00	6.70	MWD	Scientific Drilling
10/13/2009	3,861.00	6.38	MWD	Scientific Drilling
10/14/2009	3,892.00	5.71	MWD	Scientific Drilling
10/14/2009	3,924.00	4.69	MWD	Scientific Drilling
10/14/2009	3,955.00	3.64	MWD	Scientific Drilling
10/14/2009	3,987.00	2.79	MWD	Scientific Drilling
10/14/2009	4,018.00	2.42	MWD	Scientific Drilling
10/14/2009	4,049.00	2.01	MWD	Scientific Drilling
10/14/2009	4,081.00	2.15	MWD	Scientific Drilling
10/14/2009	4,113.00	2.31	MWD	Scientific Drilling
10/14/2009	4,144.00	2.04	MWD	Scientific Drilling
10/20/2009	7,075.00	1.50	Inc-WL	PHOENIX

RCVD JAN 5 '10

OIL CONS. DIV.

DIST. 3

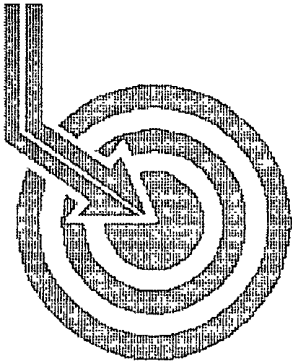
I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and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

Alt G.H.

Subscribed and sworn to me this Jan 4, 2010

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

RCVD JAN 5 '10
OIL CONS. DIV.
DIST. 3

BURLINGTON RESOURCES

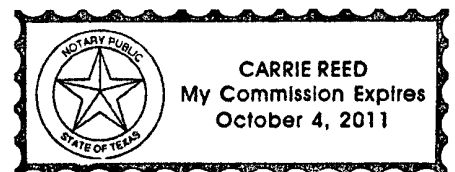
Field: San Juan
Site: SEC 26-T31N-R11W
Well: Randlemon #1B
Wellpath: DH - Job #33D1009172
Survey: 10/10/09-10/13/09
API # 30.045.34807

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

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

Notorized this date 24th of October, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 10/28/2009	Time: 15:52:49	Page: 1
Field: San Juan	Co-ordinate(NE) Reference: Well: Randlemon #1B, True North		
Site: SEC 26-T31N-R11W	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Randlemon #1B	Section (VS) Reference: Well (0.00N,0.00E,117.56Azi)		
Wellpath: DH- Job #33D1009172	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/10/09-10/13/09	Start Date: 10/10/2009
E-field: 0'-4144'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Richey/Lockard/Kasbaum/BI
Tool: E-field;E-field	Tied-to: From Surface

Site: SEC 26-T31N-R11W

Site Position:	Northing: 2136973.64 ft	Latitude: 36 52 21.970 N
From: Map	Easting: 464126.15 ft	Longitude: 107 57 21.523 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 5730.00 ft		Grid Convergence: -0.07 deg

Well: Randlemon #1B	Slot Name:
910' Slant @ S62.44E	
Well Position: +N/-S 0.00 ft	Northing: 2136973.64 ft
+E/-W 0.00 ft	Easting: 464126.15 ft
Position Uncertainty: 0.00 ft	Latitude: 36 52 21.970 N
	Longitude: 107 57 21.523 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	
270.00	0.17	166.71	270.00	0.26	-0.39	0.09	0.06	0.40	166.71	
301.00	0.42	132.98	301.00	0.40	-0.51	0.19	0.95	0.54	160.06	
332.00	0.41	240.45	332.00	0.45	-0.64	0.17	2.16	0.67	165.02	
363.00	0.72	267.77	363.00	0.22	-0.71	-0.12	1.30	0.72	189.54	
372.00	0.34	277.56	372.00	0.15	-0.71	-0.20	4.33	0.73	195.96	
402.00	0.60	212.62	402.00	0.05	-0.83	-0.37	1.83	0.91	204.40	
433.00	1.13	209.21	432.99	0.03	-1.23	-0.61	1.72	1.37	206.44	
464.00	1.17	199.92	463.99	0.06	-1.79	-0.87	0.61	1.99	205.83	
495.00	1.46	173.80	494.98	0.32	-2.48	-0.93	2.12	2.65	200.60	
526.00	2.06	162.70	525.96	0.93	-3.41	-0.73	2.22	3.48	192.01	
556.00	2.60	150.22	555.94	1.89	-4.51	-0.23	2.46	4.52	182.88	
587.00	2.86	133.24	586.90	3.22	-5.65	0.69	2.73	5.70	173.08	
618.00	3.47	126.72	617.86	4.89	-6.74	2.00	2.28	7.04	163.47	
648.00	3.95	124.13	647.79	6.82	-7.87	3.58	1.69	8.65	155.51	
679.00	4.61	122.76	678.71	9.12	-9.14	5.52	2.15	10.68	148.89	
710.00	5.19	121.76	709.59	11.76	-10.55	7.76	1.89	13.10	143.69	
741.00	5.83	120.13	740.45	14.73	-12.08	10.31	2.13	15.88	139.52	
771.00	6.69	119.42	770.27	18.00	-13.70	13.15	2.88	18.99	136.18	
800.00	7.27	118.60	799.06	21.52	-15.41	16.23	2.03	22.38	133.52	
831.00	8.20	118.37	829.77	25.69	-17.40	19.90	3.00	26.43	131.17	
862.00	9.33	117.23	860.41	30.42	-19.60	24.08	3.69	31.05	129.15	
893.00	9.79	115.18	890.98	35.56	-21.87	28.70	1.85	36.08	127.31	
925.00	10.02	116.79	922.50	41.06	-24.29	33.65	1.12	41.49	125.82	
956.00	10.42	115.85	953.01	46.56	-26.72	38.58	1.40	46.93	124.71	
988.00	10.72	117.83	984.47	52.43	-29.37	43.81	1.47	52.75	123.84	
1019.00	11.25	119.23	1014.90	58.34	-32.20	49.00	1.91	58.63	123.31	
1051.00	12.03	118.82	1046.24	64.79	-35.33	54.65	2.45	65.07	122.88	
1082.00	12.90	120.75	1076.51	71.48	-38.66	60.45	3.11	71.75	122.60	
1114.00	13.74	121.39	1107.65	78.84	-42.46	66.77	2.67	79.12	122.46	
1145.00	14.52	120.32	1137.71	86.39	-46.34	73.26	2.65	86.69	122.31	
1177.00	15.35	119.82	1168.63	94.63	-50.47	80.40	2.62	94.93	122.12	
1208.00	16.42	119.35	1198.45	103.11	-54.66	87.78	3.48	103.41	121.91	
1239.00	16.83	118.89	1228.15	111.97	-58.98	95.53	1.39	112.27	121.69	
1271.00	18.03	118.77	1258.68	121.56	-63.60	103.92	3.75	121.84	121.47	
1302.00	18.48	119.67	1288.12	131.26	-68.34	112.40	1.71	131.54	121.30	
1334.00	18.88	118.97	1318.44	141.51	-73.36	121.34	1.43	141.79	121.16	



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES
 Field: San Juan
 Site: SEC 26-T31N-R11W
 Well: Randlemon #1B
 Wellpath: DH - Job #33D1009172

Date: 10/28/2009 Time: 15:52:49 Page: 2
 Co-ordinate(N/E) Reference: Well: Randlemon #1B, True North
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,117.56Azi)
 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
1365.00	19.36	118.71	1347.73	151.66	-78.25	130.23	1.57	151.93	121.00
1397.00	19.99	118.38	1377.86	162.43	-83.40	139.69	2.00	162.70	120.84
1428.00	20.74	117.24	1406.92	173.22	-88.43	149.24	2.74	173.47	120.65
1460.00	21.21	115.91	1436.80	184.67	-93.56	159.48	2.09	184.90	120.40
1491.00	21.68	115.45	1465.65	196.00	-98.47	169.70	1.61	196.20	120.12
1523.00	22.09	114.71	1495.35	207.91	-103.52	180.50	1.54	208.08	119.84
1554.00	22.31	114.88	1524.05	219.61	-108.44	191.13	0.74	219.75	119.57
1586.00	22.47	115.00	1553.64	231.79	-113.57	202.18	0.52	231.90	119.32
1618.00	22.57	114.77	1583.20	244.03	-118.73	213.30	0.42	244.12	119.10
1649.00	22.70	115.13	1611.81	255.95	-123.76	224.12	0.61	256.02	118.91
1681.00	22.95	114.90	1641.30	268.35	-129.01	235.37	0.83	268.41	118.73
1713.00	23.16	114.60	1670.75	280.87	-134.26	246.75	0.75	280.91	118.55
1744.00	23.19	114.47	1699.24	293.05	-139.33	257.85	0.19	293.08	118.38
1776.00	23.18	114.32	1728.66	305.63	-144.53	269.32	0.19	305.65	118.22
1808.00	23.29	114.18	1758.07	318.23	-149.71	280.83	0.38	318.25	118.06
1840.00	23.18	113.99	1787.47	330.84	-154.87	292.36	0.42	330.84	117.91
1871.00	22.95	113.81	1815.99	342.96	-159.79	303.46	0.78	342.96	117.77
1903.00	22.42	115.27	1845.52	355.28	-164.91	314.69	2.42	355.28	117.66
1934.00	22.10	115.09	1874.21	367.01	-169.91	325.31	1.06	367.01	117.58
1965.00	21.89	114.66	1902.95	378.61	-174.79	335.85	0.85	378.61	117.49
1997.00	21.53	113.76	1932.68	390.43	-179.65	346.64	1.53	390.43	117.40
2029.00	20.81	115.33	1962.52	401.96	-184.44	357.15	2.86	401.97	117.31
2061.00	20.50	115.93	1992.46	413.25	-189.33	367.33	1.17	413.25	117.27
2092.00	20.08	117.18	2021.54	423.99	-194.13	376.95	1.95	424.00	117.25
2124.00	19.71	117.28	2051.63	434.88	-199.11	386.63	1.16	434.89	117.25
2156.00	19.35	116.29	2081.79	445.58	-203.93	396.18	1.53	445.59	117.24
2188.00	18.73	115.30	2112.04	456.01	-208.48	405.58	2.18	456.02	117.20
2219.00	18.50	115.90	2141.42	465.90	-212.75	414.50	0.97	465.91	117.17
2251.00	18.42	117.59	2171.77	476.03	-217.31	423.55	1.69	476.04	117.16
2282.00	18.48	118.68	2201.18	485.84	-221.94	432.20	1.13	485.85	117.18
2314.00	18.86	119.42	2231.49	496.08	-226.91	441.15	1.40	496.09	117.22
2345.00	19.76	119.42	2260.75	506.33	-231.95	450.08	2.90	506.34	117.26
2377.00	20.52	118.74	2290.79	517.34	-237.30	459.71	2.49	517.35	117.30
2409.00	20.43	118.34	2320.77	528.53	-242.65	469.55	0.52	528.54	117.33
2441.00	20.01	117.87	2350.80	539.59	-247.86	479.30	1.41	539.60	117.34
2472.00	19.80	117.63	2379.95	550.15	-252.78	488.64	0.73	550.15	117.35
2504.00	19.95	117.53	2410.04	561.03	-257.81	498.29	0.48	561.03	117.36
2535.00	20.14	117.26	2439.16	571.65	-262.70	507.72	0.68	571.66	117.36
2567.00	19.98	117.46	2469.22	582.63	-267.75	517.47	0.54	582.63	117.36
2598.00	19.71	116.74	2498.38	593.15	-272.54	526.84	1.17	593.16	117.35
2630.00	19.34	116.49	2528.54	603.85	-277.33	536.40	1.19	603.85	117.34
2661.00	18.71	115.60	2557.85	613.95	-281.77	545.48	2.24	613.95	117.32
2693.00	18.31	114.77	2588.19	624.10	-286.09	554.67	1.50	624.10	117.28
2724.00	18.30	114.34	2617.62	633.82	-290.14	563.52	0.44	633.83	117.24
2755.00	18.54	114.35	2647.03	643.60	-294.18	572.45	0.77	643.61	117.20
2787.00	18.66	115.05	2677.36	653.79	-298.44	581.72	0.79	653.81	117.16
2818.00	18.92	115.63	2706.71	663.77	-302.72	590.74	1.03	663.79	117.13
2850.00	19.31	116.79	2736.95	674.25	-307.34	600.15	1.70	674.27	117.12
2882.00	19.28	117.72	2767.15	684.82	-312.19	609.55	0.96	684.84	117.12
2914.00	19.21	118.23	2797.36	695.37	-317.13	618.86	0.57	695.39	117.13
2946.00	18.69	118.42	2827.63	705.76	-322.06	628.01	1.64	705.78	117.15
2978.00	18.01	117.87	2858.00	715.83	-326.82	636.89	2.19	715.85	117.16
3009.00	17.58	117.92	2887.52	725.30	-331.25	645.26	1.39	725.32	117.17



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 10/28/2009	Time: 15:52:49	Page: 3
Field: San Juan	Co-ordinate(NE) Reference:	Well: Randlemon #1B, True North	
Site: SEC 26-T31N-R11W	Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Randlemon #1B	Section (VS) Reference:	Well (0.00N,0.00E,117.56Azi)	
Wellpath: DH - Job #33D1009172	Survey Calculation Method:	Minimum Curvature	Db: Sybase

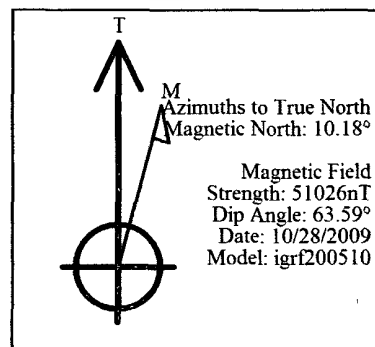
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3041.00	17.27	118.43	2918.05	734.89	-335.77	653.71	1.08	734.90	117.19
3072.00	16.91	118.77	2947.68	744.00	-340.13	661.71	1.21	744.01	117.20
3104.00	16.33	118.42	2978.34	753.15	-344.52	669.75	1.84	753.16	117.22
3135.00	15.68	117.29	3008.14	761.69	-348.51	677.30	2.33	761.71	117.23
3167.00	15.16	117.29	3038.99	770.20	-352.41	684.86	1.62	770.21	117.23
3198.00	14.73	116.06	3068.94	778.20	-356.00	692.01	1.72	778.21	117.22
3230.00	14.39	115.04	3099.91	786.23	-359.47	699.26	1.33	786.25	117.21
3262.00	13.73	114.67	3130.95	794.00	-362.74	706.32	2.08	794.02	117.18
3293.00	13.38	114.27	3161.09	801.25	-365.75	712.93	1.17	801.27	117.16
3325.00	12.73	114.04	3192.26	808.47	-368.71	719.52	2.04	808.49	117.13
3356.00	12.47	114.54	3222.51	815.22	-371.49	725.69	0.91	815.25	117.11
3388.00	12.38	115.18	3253.77	822.10	-374.38	731.94	0.51	822.13	117.09
3419.00	11.85	115.10	3284.07	828.60	-377.15	737.83	1.71	828.63	117.07
3451.00	11.36	117.74	3315.42	835.03	-380.01	743.59	2.26	835.06	117.07
3482.00	10.84	118.80	3345.84	841.00	-382.83	748.85	1.80	841.03	117.08
3514.00	10.35	118.93	3377.30	846.88	-385.67	754.00	1.53	846.91	117.09
3546.00	9.83	119.49	3408.80	852.49	-388.41	758.89	1.65	852.51	117.10
3577.00	9.21	119.49	3439.37	857.61	-390.93	763.36	2.00	857.64	117.12
3608.00	8.99	119.23	3469.98	862.51	-393.34	767.63	0.72	862.54	117.13
3640.00	8.42	119.67	3501.61	867.35	-395.72	771.85	1.79	867.38	117.14
3671.00	7.87	120.57	3532.30	871.74	-397.92	775.65	1.82	871.76	117.16
3703.00	7.36	120.86	3564.02	875.97	-400.09	779.29	1.60	875.99	117.18
3734.00	7.13	119.91	3594.77	879.88	-402.06	782.66	0.84	879.90	117.19
3766.00	7.11	121.12	3626.52	883.84	-404.08	786.08	0.47	883.86	117.21
3797.00	7.01	121.97	3657.29	887.64	-406.07	789.33	0.47	887.66	117.22
3829.00	6.70	122.48	3689.06	891.45	-408.11	792.56	0.99	891.46	117.25
3861.00	6.38	124.02	3720.85	895.07	-410.10	795.61	1.14	895.09	117.27
3892.00	5.71	125.01	3751.68	898.31	-411.95	798.30	2.19	898.32	117.30
3924.00	4.69	127.18	3783.55	901.18	-413.66	800.64	3.25	901.19	117.32
3955.00	3.64	127.63	3814.47	903.40	-415.02	802.43	3.39	903.41	117.35
3987.00	2.79	125.74	3846.42	905.17	-416.10	803.87	2.68	905.18	117.37
4018.00	2.42	124.82	3877.38	906.57	-416.91	805.02	1.20	906.57	117.38
4049.00	2.01	125.13	3908.36	907.76	-417.60	806.00	1.32	907.76	117.39
4081.00	2.15	123.13	3940.34	908.91	-418.25	806.96	0.49	908.91	117.40
4113.00	2.31	125.82	3972.31	910.15	-418.96	807.99	0.60	910.15	117.41
4144.00	2.04	126.54	4003.29	911.31	-419.65	808.94	0.88	911.31	117.42



Scientific
Drilling

Field: San Juan
Site: SEC 26-T31N-R11W
Well: Randlemon #1B
Wellpath: DH - Job #33D1009172
Survey: 10/10/09-10/13/09



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

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

