

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

"AS DRILLED PLAT"

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-045-34629	² Pool Code 71599/ 72319	³ Pool Name Basin Dakota / Blanco Mesaverde
⁴ Property Code 6976	⁵ Property Name EPNG A	⁶ Well Number 1B
⁷ OGRID No. 14538	⁸ Operator Name Burlington Resources Oil & Gas Company, LP	⁹ Elevation 6396'

¹⁰ Surface Location

UL or lot no. G	Section 21	Township 32N	Range 6W	Lot Idn	Feet from the 1815'	North/South line North	Feet from the 1865'	East/West line East	County San Juan
---------------------------	----------------------	------------------------	--------------------	---------	-------------------------------	----------------------------------	-------------------------------	-------------------------------	---------------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 21	Township 27N	Range 6W	Lot Idn	Feet from the 802'	North/South line North	Feet from the 702'	East/West line East	County San Juan
---------------------------	----------------------	------------------------	--------------------	---------	------------------------------	----------------------------------	------------------------------	-------------------------------	---------------------------

¹² Dedicated Acres MV/DK 320. E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

RCVD NOV 17 '08
OIL CONS. DIV.
DIST. 3

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: <i>Patsy Clugston</i> Date: 11/12/08 Printed Name: Patsy Clugston, Sr Regulatory Specialist
	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: 8/7/07 Signature and Seal of Professional Surveyor: See original plat dated 3/10/08 signed by Roy A Rush Certificate Number: 8894

88 11/21



COP Deviation Report

EPNG A #1B

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName EPNG A #1B	API / UWI 3004534629	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 021-032N-006W	N/S Dist (ft) 1,815.00	N/S Ref FNL	E/W Dist (ft) 1,865.00	E/W Ref FEL

Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/6/2008	129.00	1.00	A1SureShot	Mo-Te Drilling Inc.
6/6/2008	229.00	1.00	A1SureShot	Mo-Te Drilling Inc.
7/25/2008	282.00	1.23	MWD	PATHFINDER
7/25/2008	311.00	1.32	MWD	PATHFINDER
7/25/2008	372.00	1.93	MWD	PATHFINDER
7/25/2008	433.00	3.52	MWD	PATHFINDER
7/25/2008	495.00	5.19	MWD	PATHFINDER
7/25/2008	556.00	6.07	MWD	PATHFINDER
7/26/2008	618.00	6.16	MWD	PATHFINDER
7/26/2008	679.00	6.95	MWD	PATHFINDER
7/26/2008	740.00	7.03	MWD	PATHFINDER
7/26/2008	802.00	7.39	MWD	PATHFINDER
7/26/2008	863.00	7.65	MWD	PATHFINDER
7/26/2008	925.00	8.27	MWD	PATHFINDER
7/26/2008	986.00	9.67	MWD	PATHFINDER
7/26/2008	1,048.00	10.99	MWD	PATHFINDER
7/26/2008	1,109.00	12.13	MWD	PATHFINDER
7/26/2008	1,171.00	13.01	MWD	PATHFINDER
7/26/2008	1,232.00	14.33	MWD	PATHFINDER
7/26/2008	1,293.00	15.65	MWD	PATHFINDER
7/26/2008	1,356.00	17.32	MWD	PATHFINDER
7/27/2008	1,420.00	18.73	MWD	PATHFINDER
7/27/2008	1,484.00	20.22	MWD	PATHFINDER
7/27/2008	1,547.00	21.54	MWD	PATHFINDER
7/27/2008	1,611.00	23.30	MWD	PATHFINDER
7/27/2008	1,674.00	24.80	MWD	PATHFINDER
7/27/2008	1,738.00	25.68	MWD	PATHFINDER
7/27/2008	1,801.00	25.85	MWD	PATHFINDER
7/27/2008	1,865.00	25.94	MWD	PATHFINDER
7/27/2008	1,929.00	26.03	MWD	PATHFINDER
7/27/2008	1,992.00	25.59	MWD	PATHFINDER
7/28/2008	2,056.00	25.85	MWD	PATHFINDER
7/28/2008	2,120.00	26.29	MWD	PATHFINDER
7/28/2008	2,184.00	26.56	MWD	PATHFINDER
7/28/2008	2,247.00	25.59	MWD	PATHFINDER

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 12/November 2008

NOV 17 '08
OIL CONS. DIV.
DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/2/2012

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/28/2008	2,311.00	25.24	MWD	PATHFINDER
7/28/2008	2,374.00	25.59	MWD	PATHFINDER
7/28/2008	2,437.00	25.68	MWD	PATHFINDER
7/28/2008	2,499.00	25.50	MWD	PATHFINDER
7/28/2008	2,563.00	25.41	MWD	PATHFINDER
7/28/2008	2,627.00	25.06	MWD	PATHFINDER
7/29/2008	2,691.00	25.59	MWD	PATHFINDER
7/29/2008	2,754.00	25.94	MWD	PATHFINDER
7/29/2008	2,818.00	25.94	MWD	PATHFINDER
7/29/2008	2,882.00	26.29	MWD	PATHFINDER
7/29/2008	2,946.00	25.32	MWD	PATHFINDER
7/29/2008	3,009.00	24.36	MWD	PATHFINDER
7/29/2008	3,073.00	24.01	MWD	PATHFINDER
7/29/2008	3,137.00	23.65	MWD	PATHFINDER
7/29/2008	3,200.00	23.30	MWD	PATHFINDER
7/29/2008	3,264.00	21.81	MWD	PATHFINDER
7/29/2008	3,328.00	22.86	MWD	PATHFINDER
7/29/2008	3,392.00	23.92	MWD	PATHFINDER
7/29/2008	3,455.00	24.89	MWD	PATHFINDER
7/29/2008	3,519.00	26.38	MWD	PATHFINDER
7/29/2008	3,582.00	26.82	MWD	PATHFINDER
7/30/2008	3,646.00	26.82	MWD	PATHFINDER
7/30/2008	3,710.00	26.20	MWD	PATHFINDER
7/30/2008	3,773.00	25.68	MWD	PATHFINDER
7/30/2008	3,837.00	26.20	MWD	PATHFINDER
7/30/2008	3,901.00	25.06	MWD	PATHFINDER
7/30/2008	3,965.00	23.83	MWD	PATHFINDER
7/30/2008	4,028.00	22.51	MWD	PATHFINDER
7/30/2008	4,092.00	22.16	MWD	PATHFINDER
7/30/2008	4,156.00	21.54	MWD	PATHFINDER
7/31/2008	4,219.00	18.11	MWD	PATHFINDER
7/31/2008	4,283.00	16.71	MWD	PATHFINDER
7/31/2008	4,347.00	17.24	MWD	PATHFINDER
7/31/2008	4,411.00	16.62	MWD	PATHFINDER
7/31/2008	4,474.00	17.24	MWD	PATHFINDER
7/31/2008	4,538.00	16.80	MWD	Pathfinder
8/1/2008	4,602.00	16.88	MWD	Pathfinder
8/1/2008	4,665.00	16.18	MWD	Pathfinder
8/1/2008	4,729.00	14.16	MWD	Pathfinder

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
8/1/2008	4,793.00	12.57	MWD	Pathfinder
8/1/2008	4,856.00	10.99	MWD	Pathfinder
8/1/2008	4,920.00	8.97	MWD	Pathfinder
8/1/2008	4,984.00	7.56	MWD	Pathfinder
8/1/2008	5,047.00	5.28	MWD	Pathfinder
8/1/2008	5,111.00	4.57	MWD	Pathfinder
8/1/2008	5,175.00	3.69	MWD	Pathfinder
8/1/2008	5,198.00	2.99	MWD	Pathfinder
8/1/2008	5,250.00	2.99	MWD	Pathfinder
8/18/2008	8,291.00	0.75	FINAL BHS	PHOENIX

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 _____

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 07/22/2008
Date Completed: 08/01/2008

BURLINGTON RESOURCES

EPNG A #1B

San Juan County COUNTY, New Mexico

Rig:Aztec 777

PathFinder Office Supervisor: Tom Schmidt

PathFinder Field Engineers:Justin Hawkins
Garrett Lucero

Survey Horiz. Reference:WELLHEAD

Ref Coordinates: LAT:36.58.5.1888 N LON:107.27.37.1196 W

GRID Reference:NAD83 new mexico west Transverse Mercator

Ref GRID Coord: X: 2832062.9091 Y: 2171935.3435

North Aligned To:TRUE NORTH

Total Magnetic Correction:10.14° EAST TO TRUE

Vertical Section Plane: 49.28

Survey Vert. Reference: 15.00' Rotary Table To Ground

Altitude:6396.00' Ground To MSL

Measured Depth	5250.00	(feet)
Inclination	2.99	(deg)
Azimuth	31.22	(deg)
True Vertical Depth	4948.75	(feet)
Vertical Section	1542.21	(feet)
Survey X cord	2833226.03	(feet)
Survey Y cord	2172947.92	(feet)
Survey Lat	36.97087665 N	(deg)
Survey Lon	107.45631586 W	(deg)
Rectangular Corr. N/S	1012.64 N	(feet)
Rectangular Corr. E/W	1163.21 E	(feet)
Closure Distance	1542.24	(feet)
Direction of Closure	48.96	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

Page 01/03
Tie-in Date: 07/22/2008
Date Completed: 08/01/2008

BURLINGTON RESOURCES
EPNG A #1B
San Juan County COUNTY, New Mexico
Rig: Aztec 777
PathFinder Office Supervisor: Tom Schmidt
PathFinder Field Engineers: Justin Hawkins
Garrett Lucero

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 36.58.5.1888 N LON: 107.27.37.1196 W
Reference: NAD83 new mexico west Transverse Mercator
Ref GRID Coord: X: 2832062.9091 Y: 2171935.3435
North Aligned To: TRUE NORTH
Total Magnetic Correction: 10.14° EAST TO TRUE
Vertical Section Plane: 49.28
Survey Vert. Reference: 15.00' Rotary Table To Ground
Altitude: 6396.00' Ground To MSL

Survey Calculations by RX4 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIED INTO SURFACE.										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
282.00	1.23	150.58	282.00	53.00	-0.11	0.50 S	0.28 E	0.57@	150.58	2.32
311.00	1.32	150.32	310.99	29.00	-0.24	1.06 S	0.60 E	1.21@	150.51	0.31
372.00	1.93	54.69	371.97	61.00	0.65	1.07 S	1.78 E	2.08@	121.04	4.00
433.00	3.52	39.40	432.90	61.00	3.52	0.97 N	3.81 E	3.93@	75.76	2.84
495.00	5.19	40.10	494.72	62.00	8.16	4.58 N	6.83 E	8.22@	56.12	2.69
556.00	6.07	33.42	555.43	61.00	13.99	9.39 N	10.38 E	13.99@	47.88	1.80
618.00	6.16	24.46	617.08	62.00	20.16	15.15 N	13.56 E	20.33@	41.83	1.55
679.00	6.95	19.71	677.68	61.00	26.34	21.60 N	16.16 E	26.98@	36.80	1.57
740.00	7.03	16.37	738.22	61.00	32.69	28.66 N	18.46 E	34.09@	32.78	0.68
802.00	7.39	14.88	799.73	62.00	39.16	36.15 N	20.55 E	41.59@	29.62	0.65
863.00	7.65	15.23	860.21	61.00	45.76	43.86 N	22.63 E	49.35@	27.29	0.43
925.00	8.27	17.42	921.61	62.00	52.97	52.10 N	25.04 E	57.81@	25.67	1.11
986.00	9.67	22.87	981.86	61.00	61.28	61.01 N	28.35 E	67.27@	24.92	2.68
1048.00	10.99	27.27	1042.86	62.00	71.43	71.06 N	33.08 E	78.38@	24.96	2.48
1109.00	12.13	28.85	1102.62	61.00	82.82	81.84 N	38.84 E	90.59@	25.39	1.94
1171.00	13.01	30.43	1163.13	62.00	95.53	93.56 N	45.52 E	104.05@	25.94	1.52
1232.00	14.33	32.37	1222.41	61.00	109.25	105.86 N	53.04 E	118.40@	26.61	2.29
1293.00	15.65	35.00	1281.33	61.00	124.45	118.98 N	61.80 E	134.07@	27.45	2.43
1356.00	17.32	38.34	1341.74	63.00	141.90	133.29 N	72.49 E	151.73@	28.54	3.05
1420.00	18.73	41.07	1402.60	64.00	161.42	148.51 N	85.15 E	171.19@	29.83	2.57
1484.00	20.22	43.35	1462.94	64.00	182.59	164.30 N	99.49 E	192.08@	31.20	2.61
1547.00	21.54	45.37	1521.80	63.00	204.96	180.35 N	115.20 E	214.00@	32.57	2.39
1611.00	23.30	47.04	1580.96	64.00	229.33	197.23 N	132.83 E	237.78@	33.96	2.92
1674.00	24.80	49.51	1638.49	63.00	255.00	214.30 N	151.99 E	262.73@	35.35	2.87
1738.00	25.68	49.15	1696.38	64.00	282.29	232.09 N	172.69 E	289.29@	36.65	1.40
1801.00	25.85	50.12	1753.12	63.00	309.67	249.82 N	193.56 E	316.03@	37.77	0.72
1865.00	25.94	52.76	1810.69	64.00	337.60	267.24 N	215.41 E	343.24@	38.87	1.81

PathFinder Energy Services, Inc.

Survey Report

BURLINGTON RESOURCES
EPNG A #1B
San Juan County COUNTY, New Mexico
RIG:Aztec 777

Page 02/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
1929.00	26.03	52.84	1868.22	64.00	365.58	284.19 N	237.74 E	370.52@	39.91	0.15
1992.00	25.59	51.44	1924.94	63.00	392.98	301.02 N	259.40 E	397.37@	40.75	1.19
2056.00	25.85	52.14	1982.60	64.00	420.72	318.20 N	281.22 E	424.66@	41.47	0.63
2120.00	26.29	52.93	2040.09	64.00	448.80	335.31 N	303.55 E	452.30@	42.15	0.87
2184.00	26.56	52.32	2097.40	64.00	477.24	352.60 N	326.18 E	480.33@	42.77	0.60
2247.00	25.59	51.97	2153.99	63.00	504.89	369.59 N	348.05 E	507.67@	43.28	1.56
2311.00	25.24	51.17	2211.79	64.00	532.34	386.66 N	369.56 E	534.87@	43.70	0.77
2374.00	25.59	52.49	2268.70	63.00	559.35	403.37 N	390.82 E	561.64@	44.09	1.06
2437.00	25.68	53.20	2325.49	63.00	586.55	419.83 N	412.54 E	588.60@	44.50	0.51
2499.00	25.50	52.58	2381.41	62.00	613.28	435.98 N	433.90 E	615.10@	44.86	0.52
2563.00	25.41	52.14	2439.20	64.00	640.74	452.78 N	455.68 E	642.38@	45.18	0.33
2627.00	25.06	51.61	2497.09	64.00	668.00	469.63 N	477.15 E	669.49@	45.45	0.65
2691.00	25.59	53.20	2554.94	64.00	695.33	486.33 N	498.84 E	696.67@	45.73	1.35
2754.00	25.94	53.81	2611.68	63.00	722.64	502.61 N	520.85 E	723.81@	46.02	0.70
2818.00	25.94	53.99	2669.23	64.00	750.55	519.11 N	543.47 E	751.55@	46.31	0.12
2882.00	26.29	53.64	2726.70	64.00	778.63	535.74 N	566.21 E	779.49@	46.58	0.60
2946.00	25.32	53.81	2784.31	64.00	806.41	552.22 N	588.67 E	807.14@	46.83	1.52
3009.00	24.36	53.11	2841.49	63.00	832.80	567.98 N	609.93 E	833.44@	47.04	1.59
3073.00	24.01	53.28	2899.87	64.00	858.96	583.69 N	630.93 E	859.51@	47.23	0.56
3137.00	23.65	52.84	2958.41	64.00	884.76	599.22 N	651.59 E	885.24@	47.40	0.63
3200.00	23.30	51.26	3016.20	63.00	909.82	614.65 N	671.38 E	910.25@	47.53	1.14
3264.00	21.81	50.56	3075.30	64.00	934.36	630.13 N	690.44 E	934.76@	47.61	2.37
3328.00	22.86	50.91	3134.50	64.00	958.67	645.52 N	709.27 E	959.04@	47.69	1.65
3392.00	23.92	51.09	3193.24	64.00	984.07	661.51 N	729.02 E	984.41@	47.78	1.66
3455.00	24.89	51.53	3250.61	63.00	1010.08	677.78 N	749.33 E	1010.39@	47.87	1.57
3519.00	26.38	52.84	3308.31	64.00	1037.73	694.75 N	771.21 E	1038.00@	47.99	2.49
3582.00	26.82	53.46	3364.64	63.00	1065.88	711.66 N	793.78 E	1066.09@	48.12	0.83
3646.00	26.82	53.02	3421.76	64.00	1094.68	728.94 N	816.92 E	1094.86@	48.26	0.31
3710.00	26.20	53.90	3479.03	64.00	1123.17	745.95 N	839.87 E	1123.31@	48.39	1.15
3773.00	25.68	54.25	3535.68	63.00	1150.64	762.12 N	862.18 E	1150.74@	48.53	0.86
3837.00	26.20	53.81	3593.23	64.00	1178.53	778.57 N	884.84 E	1178.60@	48.66	0.87
3901.00	25.06	54.34	3650.93	64.00	1206.12	794.81 N	907.26 E	1206.17@	48.78	1.82
3965.00	23.83	52.76	3709.19	64.00	1232.53	810.54 N	928.56 E	1232.56@	48.88	2.18
4028.00	22.51	49.86	3767.11	63.00	1257.29	826.02 N	947.91 E	1257.32@	48.93	2.77
4092.00	22.16	49.15	3826.31	64.00	1281.61	841.81 N	966.41 E	1281.64@	48.94	0.69
4156.00	21.54	50.47	3885.72	64.00	1305.43	857.18 N	984.60 E	1305.45@	48.96	1.24
4219.00	18.11	48.54	3944.97	63.00	1326.79	871.03 N	1000.87 E	1326.81@	48.97	5.54
4283.00	16.71	47.22	4006.04	64.00	1345.93	883.87 N	1015.07 E	1345.95@	48.95	2.27

PathFinder Energy Services, Inc.

Survey Report

BURLINGTON RESOURCES

EPNG A #1B

San Juan County COUNTY, New Mexico

RIG:Aztec 777

Page 03/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS
						(ft)	(ft)	(ft)	(deg)	(dg/100ft)
4347.00	17.24	47.13	4067.25	64.00	1364.61	896.57 N	1028.78 E	1364.63@	48.93	0.83
4411.00	16.62	48.63	4128.48	64.00	1383.23	909.07 N	1042.60 E	1383.26@	48.91	1.19
4474.00	17.24	50.91	4188.75	63.00	1401.58	920.91 N	1056.61 E	1401.60@	48.93	1.44
4538.00	16.80	52.23	4249.94	64.00	1420.29	932.56 N	1071.28 E	1420.32@	48.96	0.92
4602.00	16.88	52.84	4311.20	64.00	1438.80	943.83 N	1085.99 E	1438.82@	49.01	0.30
4665.00	16.18	52.23	4371.60	63.00	1456.70	954.73 N	1100.22 E	1456.71@	49.05	1.14
4729.00	14.16	51.17	4433.36	64.00	1473.43	965.11 N	1113.37 E	1473.44@	49.08	3.19
4793.00	12.57	50.03	4495.63	64.00	1488.22	974.49 N	1124.81 E	1488.23@	49.10	2.52
4856.00	10.99	48.80	4557.30	63.00	1501.08	982.85 N	1134.58 E	1501.09@	49.10	2.54
4920.00	8.97	47.92	4620.33	64.00	1512.17	990.21 N	1142.87 E	1512.18@	49.09	3.16
4984.00	7.56	45.99	4683.66	64.00	1521.36	996.48 N	1149.61 E	1521.37@	49.08	2.25
5047.00	5.28	42.30	4746.26	63.00	1528.38	1001.50 N	1154.54 E	1528.39@	49.06	3.68
5111.00	4.57	40.80	4810.03	64.00	1533.82	1005.61 N	1158.19 E	1533.83@	49.03	1.13
5175.00	3.69	35.88	4873.86	64.00	1538.35	1009.21 N	1161.06 E	1538.36@	49.00	1.48
5198.00	2.99	31.22	4896.82	23.00	1539.64	1010.32 N	1161.80 E	1539.66@	48.99	3.26
STRAIGHT LINE PROJECTION TO BIT.										
5250.00	2.99	31.22	4948.75	52.00	1542.21	1012.64 N	1163.21 E	1542.24@	48.96	0.00