

net
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 - 7 Copies
Fee Lease - 3 Copies

As Drilled Plat

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30435	² Pool Code 71599/72319	³ Pool Name <i>Blanco</i> MESAVERDE / DAKOTA
⁴ Property Code 7452	⁵ Property Name SAN JUAN 27-4 UNIT	⁶ Well Number 69N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 7170

¹⁰ SURFACE LOCATION

UL or lot no. E	Section 34	Township 27-N	Range 04-W	Lot Idn	Feet from the 1400	North/South line NORTH	Feet from the 1160	East/West line WEST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

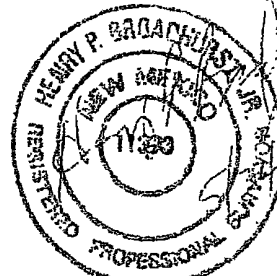
UL or lot no. F	Section 34	Township 27-N	Range 04-W	Lot Idn	Feet from the 1586	North/South line NORTH	Feet from the 1997	East/West line WEST	County RIO ARRIBA
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¹² Dedicated Acres 320.00 W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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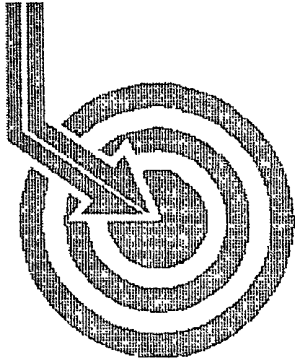
RCVD NOV 14 '08
OIL CONS DIV

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

DIST. 3

¹⁶ WEST 5280.0' (R) 1400' 1160' 1997' WELL FLAG NAD 83 LAT: 36.533133° N LONG: 107.243556° W NAD 27 LAT: 36° 31.987388' N LONG: 107° 14.577421' W W/2 DEDICATED ACREAGE USA SF-080675 SECTION 34 T27N, R04W	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>Kelly J. [Signature]</i> Printed Name Regulatory Technician Title and E-mail Address 11-12-08 Date
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: 11/20/06 Signature and Seal of Professional Surveyor  Certificate Number: NM 11393	

11/17



Scientific Drilling

RCVD NOV 14 '08

OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

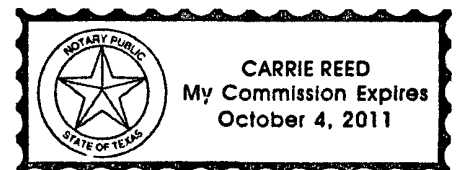
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #69N
Wellpath: VH - Job #33K0908219
Survey: 09/23/08

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

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

Notorized this date 14th of October, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 10/14/2008	Time: 13:04:01	Page: 1
Field: San Juan	Co-ordinate(NF) Reference:	Site: Rio Arriba County, NM, True North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 27-4 #69N	Section (VS) Reference:	Well (0.00N,0.00E,102.55Azi)	
Wellpath: VH - Job #33K0908219	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 09/23/08	Start Date: 09/23/2008
Company: Scientific Drilling Internatio	Engineer: Lanier
Tool: Keeper;Keeper Gyro	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
100.00	0.11	93.95	100.00	0.09	-0.01	0.10	0.11	0.10	93.95
200.00	0.20	82.71	200.00	0.35	0.01	0.36	0.09	0.36	88.60
300.00	0.37	90.17	300.00	0.83	0.03	0.86	0.17	0.86	88.00
400.00	0.54	99.64	400.00	1.62	-0.05	1.65	0.19	1.65	91.73
500.00	0.95	80.00	499.99	2.86	0.02	2.93	0.48	2.93	89.70
600.00	2.77	95.12	599.93	6.02	-0.06	6.15	1.87	6.15	90.53
700.00	5.05	95.59	699.69	12.78	-0.70	12.94	2.28	12.96	93.10
800.00	7.15	93.62	799.12	23.30	-1.52	23.53	2.11	23.58	93.70
900.00	8.76	93.71	898.15	36.97	-2.41	37.34	1.61	37.42	93.69
1000.00	10.35	94.12	996.76	53.39	-3.55	53.90	1.59	54.02	93.76
1100.00	11.65	95.74	1094.92	72.30	-5.20	72.91	1.34	73.10	94.08
1200.00	12.78	95.58	1192.66	93.30	-7.29	93.96	1.13	94.25	94.43
1300.00	14.30	96.50	1289.88	116.57	-9.76	117.24	1.54	117.65	94.76
1400.00	16.65	96.74	1386.24	143.10	-12.84	143.75	2.35	144.32	95.10
1500.00	17.61	98.60	1481.81	172.45	-16.78	172.93	1.11	173.74	95.54
1600.00	17.62	96.91	1577.12	202.60	-20.87	202.91	0.51	203.98	95.87
1700.00	17.79	95.27	1672.38	232.82	-24.09	233.15	0.53	234.39	95.90
1800.00	17.73	98.14	1767.62	263.15	-27.65	263.44	0.88	264.88	95.99
1900.00	18.89	102.00	1862.56	294.52	-33.17	294.35	1.68	296.21	96.43
2000.00	18.99	102.04	1957.14	326.98	-39.93	326.09	0.10	328.53	96.98
2100.00	19.25	101.22	2051.63	359.73	-46.53	358.17	0.37	361.18	97.40
2200.00	19.68	101.30	2145.91	393.04	-53.04	390.85	0.43	394.44	97.73
2300.00	20.00	101.39	2239.98	426.98	-59.72	424.13	0.32	428.31	98.01
2400.00	18.54	101.43	2334.37	459.97	-66.24	456.48	1.46	461.26	98.26
2500.00	17.83	100.66	2429.38	491.17	-72.23	487.11	0.75	492.43	98.43
2600.00	16.85	97.89	2524.83	520.92	-77.05	516.51	1.28	522.23	98.48
2700.00	17.32	97.90	2620.42	550.20	-81.08	545.61	0.47	551.60	98.45
2800.00	17.41	97.20	2715.86	579.93	-85.01	575.20	0.23	581.45	98.41
2900.00	17.73	96.61	2811.20	609.97	-88.63	605.17	0.37	611.62	98.33
3000.00	17.63	95.57	2906.47	640.15	-91.86	635.36	0.33	641.97	98.23
3100.00	16.73	97.04	3002.01	669.50	-95.09	664.72	1.00	671.49	98.14
3200.00	16.67	95.84	3097.79	698.08	-98.31	693.27	0.35	700.21	98.07
3300.00	15.95	98.56	3193.77	726.03	-101.82	721.13	1.05	728.28	98.04
3400.00	15.73	100.23	3289.97	753.28	-106.27	748.06	0.51	755.57	98.09
3500.00	14.61	99.58	3386.49	779.42	-110.78	773.83	1.13	781.72	98.15
3600.00	13.09	103.64	3483.58	803.34	-115.55	797.28	1.80	805.61	98.25
3700.00	11.67	111.16	3581.26	824.66	-121.87	817.72	2.15	826.75	98.48
3800.00	10.51	114.21	3679.39	843.59	-129.26	835.47	1.30	845.41	98.79
3900.00	8.87	116.13	3777.96	860.02	-136.40	850.71	1.67	861.57	99.11
4000.00	5.40	122.98	3877.17	871.93	-142.35	861.58	3.57	873.26	99.38
4100.00	3.85	117.87	3976.84	879.58	-146.49	868.50	1.60	880.76	99.57
4200.00	1.95	144.78	4076.72	884.08	-149.45	872.44	2.29	885.15	99.72
4300.00	1.54	156.68	4176.67	886.12	-152.07	873.96	0.55	887.09	99.87
4400.00	1.17	172.60	4276.64	887.26	-154.32	874.62	0.52	888.13	100.01
4500.00	1.09	193.20	4376.62	887.60	-156.25	874.54	0.41	888.39	100.13
4600.00	0.85	200.28	4476.61	887.48	-157.88	874.06	0.27	888.21	100.24
4700.00	0.67	196.41	4576.60	887.35	-159.13	873.64	0.19	888.01	100.32
4800.00	0.80	196.93	4676.59	887.25	-160.36	873.27	0.13	887.87	100.41

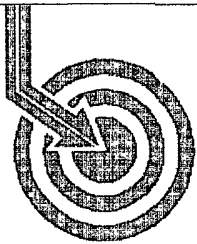


Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 10/14/2008	Time: 13:04:01	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 27-4 #69N	Section (VS) Reference:	Well: (0.00N;0.00E,102.55Azi)	
Wellpath: VH - Job #33K0908219	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
4900.00	0.68	202.58	4776.58	887.10	-161.58	872.84	0.14	887.67	100.49
5000.00	0.63	202.70	4876.58	886.90	-162.63	872.40	0.05	887.43	100.56
5100.00	0.64	205.77	4976.57	886.67	-163.64	871.94	0.04	887.17	100.63
5200.00	0.52	211.92	5076.56	886.39	-164.53	871.46	0.14	886.86	100.69
5300.00	0.55	206.78	5176.56	886.12	-165.34	871.01	0.06	886.56	100.75
5400.00	0.57	200.80	5276.56	885.93	-166.24	870.61	0.06	886.34	100.81
5500.00	0.54	198.22	5376.55	885.82	-167.15	870.29	0.04	886.20	100.87
5600.00	0.52	189.00	5476.55	885.80	-168.05	870.07	0.09	886.15	100.93
5700.00	0.55	200.77	5576.54	885.76	-168.94	869.83	0.11	886.08	100.99
5800.00	0.49	204.11	5676.54	885.60	-169.78	869.48	0.07	885.91	101.05
5900.00	0.42	223.71	5776.53	885.33	-170.44	869.06	0.17	885.61	101.10
6000.00	0.35	205.98	5876.53	885.07	-170.98	868.67	0.14	885.34	101.13
6100.00	0.75	234.81	5976.53	884.56	-171.63	868.00	0.47	884.81	101.18
6200.00	1.14	225.25	6076.51	883.58	-172.71	866.76	0.42	883.80	101.27
6300.00	1.10	220.03	6176.50	882.60	-174.14	865.44	0.11	882.78	101.38
6400.00	1.04	217.61	6276.48	881.77	-175.60	864.26	0.08	881.92	101.48
6500.00	0.84	208.16	6376.46	881.19	-176.96	863.36	0.25	881.31	101.58
6600.00	0.72	204.66	6476.45	880.86	-178.18	862.76	0.13	880.96	101.67
6700.00	0.81	215.28	6576.45	880.45	-179.33	862.09	0.17	880.54	101.75
6800.00	0.74	216.91	6676.44	879.92	-180.42	861.29	0.07	879.98	101.83
6900.00	0.82	217.76	6776.43	879.34	-181.50	860.46	0.08	879.40	101.91
7000.00	0.72	219.01	6876.42	878.76	-182.56	859.63	0.10	878.80	101.99
7100.00	0.80	222.24	6976.41	878.13	-183.56	858.77	0.09	878.16	102.07
7200.00	0.78	227.07	7076.40	877.40	-184.54	857.80	0.07	877.42	102.14
7300.00	0.62	229.86	7176.39	876.69	-185.35	856.89	0.16	876.70	102.21
7400.00	1.01	252.60	7276.38	875.60	-185.97	855.63	0.50	875.61	102.26
7500.00	0.84	265.70	7376.37	874.13	-186.28	854.06	0.27	874.14	102.30
7600.00	0.66	251.51	7476.36	872.94	-186.52	852.78	0.26	872.94	102.34
7700.00	0.47	250.57	7576.36	872.09	-186.84	851.85	0.19	872.10	102.37
7800.00	0.62	243.11	7676.35	871.33	-187.22	850.98	0.17	871.33	102.41
7900.00	0.76	240.91	7776.34	870.42	-187.79	849.92	0.14	870.42	102.46
8000.00	0.61	274.86	7876.34	869.39	-188.07	848.81	0.42	869.39	102.49
8100.00	1.21	273.18	7976.32	867.82	-187.96	847.22	0.60	867.82	102.51
8200.00	1.78	278.57	8076.29	865.23	-187.67	844.63	0.59	865.23	102.53
8300.00	1.46	280.43	8176.25	862.41	-187.21	841.84	0.32	862.41	102.54
8400.00	1.04	284.25	8276.23	860.23	-186.76	839.71	0.43	860.23	102.54
8500.00	0.94	278.72	8376.21	858.50	-186.41	838.02	0.14	858.50	102.54
8550.00	0.99	274.27	8426.20	857.67	-186.31	837.19	0.18	857.67	102.55



Scientific Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #69N
Wellpath: VH - Job #33K0908219
Survey: 09/23/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/10/2008
Model: igrf2000

