

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34643	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 34287	⁵ Property Name NEGRO CANYON	⁶ Well Number 4M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6835'

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
M	36	32-N	8-W		860'	SOUTH	880'	WEST	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
D	1	31-N	8-W		721'	NORTH	1058'	WEST	SAN JUAN

¹² Dedicated Acres 304.16 W/2 of Sec. 1	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD OCT 23 '09 OIL CONS. DIV.
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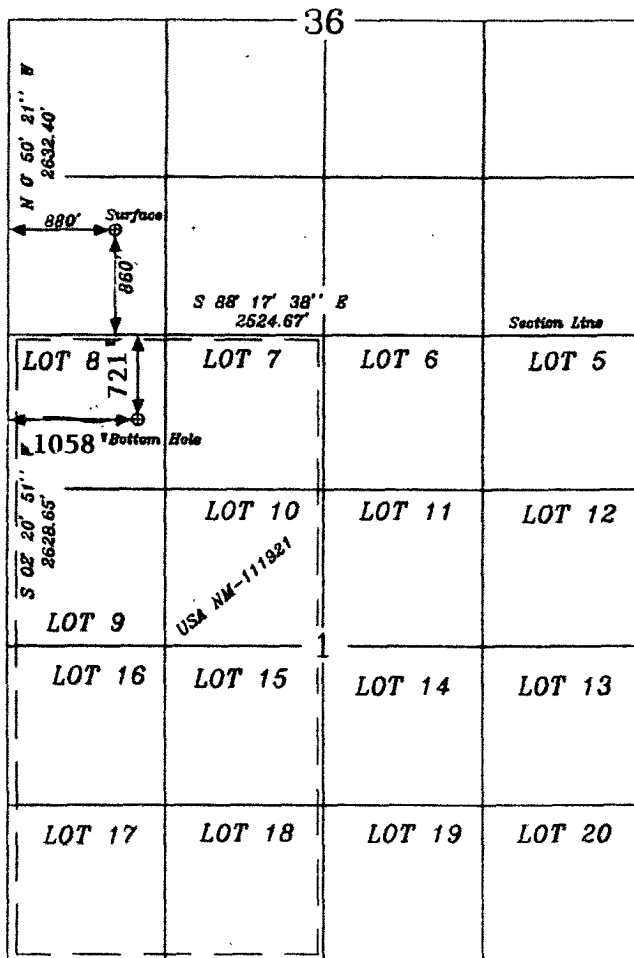
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

Surface
LAT: 36°56.1041' N.
LONG: 107°37.9257' W.
NAD 1927

LAT: 36.935073° N.
LONG: 107.632706° W.
NAD 1983

Bottom Hole



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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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 10/13/09
Signature

Crystal Tafoya 10-13-09
Printed Name

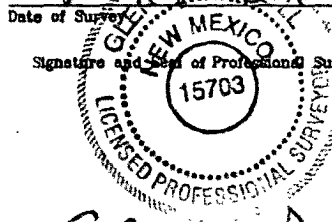
18

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.

9-14-07
Date of Survey

Signature and Seal of Professional Surveyor:



Carl W Russell
Certificate Number 15703

8 10/23

PC

ConocoPhillips**COP Deviation Report****NEGRO CANYON #4M**

ROUND 001 22 105

OIL COMS. DIV.

DISC-3

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName NEGRO CANYON #4M	API / UWI 3004534643	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 036-032N-008W-M	N/S Dist (ft) 860.00	N/S Ref FSL	E/W Dist (ft) 880.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
6/1/2009	0.00	0.00	MWD	Scientific Drilling	
6/1/2009	300.00	0.43	MWD	Scientific Drilling	
6/1/2009	361.00	0.91	MWD	Scientific Drilling	
6/1/2009	423.00	2.31	MWD	Scientific Drilling	
6/1/2009	484.00	4.14	MWD	Scientific Drilling	
6/1/2009	546.00	6.24	MWD	Scientific Drilling	
6/1/2009	607.00	8.64	MWD	Scientific Drilling	
6/1/2009	669.00	10.07	MWD	Scientific Drilling	
6/1/2009	735.00	11.24	MWD	Scientific Drilling	
6/1/2009	798.00	12.94	MWD	Scientific Drilling	
6/1/2009	862.00	14.27	MWD	Scientific Drilling	
6/1/2009	925.00	15.82	MWD	Scientific Drilling	
6/1/2009	988.00	17.64	MWD	Scientific Drilling	
6/1/2009	1,052.00	19.28	MWD	Scientific Drilling	
6/1/2009	1,115.00	21.33	MWD	Scientific Drilling	
6/1/2009	1,178.00	23.26	MWD	Scientific Drilling	
6/1/2009	1,241.00	24.61	MWD	Scientific Drilling	
6/1/2009	1,305.00	25.56	MWD	Scientific Drilling	
6/1/2009	1,368.00	27.80	MWD	Scientific Drilling	
6/1/2009	1,431.00	28.82	MWD	Scientific Drilling	
6/1/2009	1,494.00	28.67	MWD	Scientific Drilling	
6/2/2009	1,557.00	28.89	MWD	Scientific Drilling	
6/2/2009	1,621.00	29.00	MWD	Scientific Drilling	
6/2/2009	1,684.00	28.72	MWD	Scientific Drilling	
6/2/2009	1,747.00	28.68	MWD	Scientific Drilling	
6/2/2009	1,810.00	28.28	MWD	Scientific Drilling	
6/2/2009	1,873.00	27.55	MWD	Scientific Drilling	
6/2/2009	1,936.00	27.53	MWD	Scientific Drilling	
6/2/2009	2,000.00	27.11	MWD	Scientific Drilling	
6/2/2009	2,063.00	27.09	MWD	Scientific Drilling	
6/2/2009	2,126.00	27.17	MWD	Scientific Drilling	
6/2/2009	2,190.00	26.56	MWD	Scientific Drilling	
6/2/2009	2,253.00	26.19	MWD	Scientific Drilling	
6/2/2009	2,316.00	25.67	MWD	Scientific Drilling	
6/2/2009	2,379.00	27.22	MWD	Scientific Drilling	

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.

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		
6/2/2009	2,442.00	27.55	MWD	Scientific Drilling		
6/2/2009	2,505.00	27.16	MWD	Scientific Drilling		
6/2/2009	2,568.00	26.81	MWD	Scientific Drilling		
6/2/2009	2,631.00	26.30	MWD	Scientific Drilling		
6/2/2009	2,695.00	25.87	MWD	Scientific Drilling		
6/2/2009	2,759.00	25.99	MWD	Scientific Drilling		
6/2/2009	2,823.00	25.85	MWD	Scientific Drilling		
6/2/2009	2,886.00	25.64	MWD	Scientific Drilling		
6/2/2009	2,949.00	25.74	MWD	Scientific Drilling		
6/2/2009	3,012.00	27.23	MWD	Scientific Drilling		
6/2/2009	3,075.00	27.51	MWD	Scientific Drilling		
6/2/2009	3,139.00	27.32	MWD	Scientific Drilling		
6/2/2009	3,202.00	28.03	MWD	Scientific Drilling		
6/2/2009	3,265.00	28.05	MWD	Scientific Drilling		
6/2/2009	3,328.00	28.06	MWD	Scientific Drilling		
6/2/2009	3,392.00	27.64	MWD	Scientific Drilling		
6/2/2009	3,456.00	26.86	MWD	Scientific Drilling		
6/2/2009	3,519.00	26.78	MWD	Scientific Drilling		
6/3/2009	3,583.00	26.99	MWD	Scientific Drilling		
6/3/2009	3,647.00	25.71	MWD	Scientific Drilling		
6/3/2009	3,711.00	24.54	MWD	Scientific Drilling		
6/3/2009	3,774.00	23.00	MWD	Scientific Drilling		
6/3/2009	3,838.00	20.85	MWD	Scientific Drilling		
6/3/2009	3,901.00	19.23	MWD	Scientific Drilling		
6/3/2009	3,965.00	17.96	MWD	Scientific Drilling		
6/3/2009	4,029.00	16.52	MWD	Scientific Drilling		
6/3/2009	4,092.00	16.83	MWD	Scientific Drilling		
6/3/2009	4,156.00	17.53	MWD	Scientific Drilling		
6/3/2009	4,220.00	17.59	MWD	Scientific Drilling		
6/3/2009	4,284.00	17.00	MWD	Scientific Drilling		
6/4/2009	4,347.00	15.61	MWD	Scientific Drilling		
6/4/2009	4,411.00	13.87	MWD	Scientific Drilling		
6/4/2009	4,475.00	11.62	MWD	Scientific Drilling		
6/4/2009	4,538.00	9.71	MWD	Scientific Drilling		
6/4/2009	4,603.00	8.51	MWD	Scientific Drilling		
6/4/2009	4,667.00	6.83	MWD	Scientific Drilling		
6/4/2009	4,730.00	5.26	MWD	Scientific Drilling		
6/4/2009	4,780.00	4.01	Extrap.	Scientific Drilling		
6/16/2009	8,710.00	2.00	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.

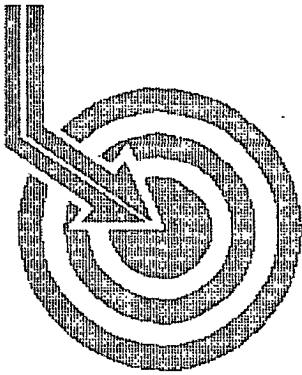
[Signature]

Subscribed and sworn to me this Oct 15, 2009

[Signature] L. Tapaya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

RCVD OCT 23 '09
OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

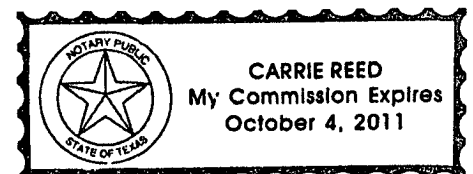
Field: Negro Canyon
Site: Rio Arriba County, NM
Well: Negro Canyon #4M
Wellpath: DH - Job #33D0509099
Survey: 06/01/09-06/05/09
API # 30.045.34643

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

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

Notorized this date 15th of June, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 06/12/2009	Time: 16:33:22	Page: 1
Field: Negro Canyon	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, True North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Negro Canyon #4M	Section (VS) Reference:	Well (0.00N,0.00E,173.89Azi)	
Wellpath: DH - Job #33D0509099	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 06/01/09-06/05/09	Start Date: 06/01/2009
E-field 0'-4730'	
Company: Scientific Drilling Internatio	Engineer: Drake/Drake/Ross/Wagner
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
300.00	0.43	96.36	300.00	0.24	-0.12	1.12	0.14	1.13	96.36
361.00	0.91	156.71	360.99	0.76	-0.59	1.54	1.30	1.65	111.15
423.00	2.31	174.97	422.97	2.48	-2.29	1.84	2.38	2.94	141.21
484.00	4.14	185.51	483.87	5.86	-5.71	1.74	3.14	5.97	163.06
546.00	6.24	187.15	545.61	11.33	-11.28	1.10	3.40	11.33	174.41
607.00	8.64	187.47	606.09	19.02	-19.11	0.10	3.93	19.11	179.71
669.00	10.07	185.97	667.27	28.84	-29.12	-1.07	2.34	29.14	182.11
735.00	11.24	183.16	732.13	40.83	-41.28	-2.03	1.94	41.33	182.81
798.00	12.94	181.26	793.73	53.89	-54.47	-2.52	2.77	54.53	182.65
862.00	14.27	178.69	855.93	68.86	-69.52	-2.50	2.28	69.56	182.06
925.00	15.82	176.53	916.77	85.17	-85.85	-1.80	2.62	85.87	181.20
988.00	17.64	174.75	977.10	103.30	-103.93	-0.41	3.00	103.93	180.23
1052.00	19.28	173.66	1037.81	123.56	-124.09	1.65	2.62	124.10	179.24
1115.00	21.33	173.87	1096.89	145.42	-145.82	4.02	3.26	145.88	178.42
1178.00	23.26	174.03	1155.18	169.32	-169.59	6.54	3.07	169.72	177.79
1241.00	24.61	173.32	1212.76	194.88	-194.99	9.36	2.19	195.22	177.25
1305.00	25.56	172.88	1270.72	222.01	-221.93	12.62	1.51	222.29	176.75
1368.00	27.80	171.90	1327.01	250.29	-249.96	16.37	3.62	250.50	176.25
1431.00	28.82	172.37	1382.47	280.15	-279.56	20.46	1.66	280.31	175.81
1494.00	28.67	172.37	1437.71	310.44	-309.59	24.48	0.24	310.55	175.48
1557.00	28.89	172.41	1492.93	340.76	-339.65	28.50	0.35	340.85	175.20
1621.00	29.00	172.94	1548.93	371.72	-370.37	32.45	0.44	371.79	174.99
1684.00	28.72	172.69	1604.11	402.13	-400.54	36.25	0.48	402.18	174.83
1747.00	28.68	173.07	1659.37	432.38	-430.56	40.00	0.30	432.42	174.69
1810.00	28.28	173.24	1714.75	462.41	-460.39	43.58	0.65	462.45	174.59
1873.00	27.55	173.20	1770.42	491.91	-489.68	47.06	1.16	491.93	174.51
1936.00	27.53	173.60	1826.28	521.03	-518.61	50.41	0.30	521.06	174.45
2000.00	27.11	173.20	1883.14	550.41	-547.79	53.79	0.72	550.43	174.39
2063.00	27.09	173.48	1939.22	579.10	-576.30	57.11	0.20	579.12	174.34
2126.00	27.17	173.32	1995.29	607.83	-604.84	60.42	0.17	607.85	174.30
2190.00	26.56	173.09	2052.38	636.75	-633.55	63.84	0.97	636.76	174.25
2253.00	26.19	172.90	2108.82	664.73	-661.33	67.25	0.60	664.74	174.19
2316.00	25.67	172.78	2165.48	692.28	-688.67	70.68	0.83	692.28	174.14
2379.00	27.22	173.86	2221.89	720.33	-716.53	73.94	2.58	720.34	174.11
2442.00	27.55	174.72	2277.83	749.31	-745.36	76.82	0.82	749.31	174.12
2505.00	27.16	174.61	2333.78	778.25	-774.19	79.51	0.62	778.26	174.14
2568.00	26.81	174.38	2389.92	806.84	-802.64	82.26	0.58	806.85	174.15
2631.00	26.30	173.37	2446.28	835.00	-830.65	85.26	1.08	835.01	174.14
2695.00	25.87	174.69	2503.76	863.14	-858.63	88.19	1.13	863.15	174.14
2759.00	25.99	173.36	2561.32	891.12	-886.46	91.10	0.93	891.13	174.13
2823.00	25.85	173.60	2618.88	919.10	-914.26	94.28	0.27	919.11	174.11
2886.00	25.64	174.02	2675.63	946.46	-941.46	97.23	0.44	946.47	174.10
2949.00	25.74	173.97	2732.40	973.77	-968.62	100.09	0.16	973.78	174.10
3012.00	27.23	174.80	2788.78	1001.87	-996.58	102.83	2.44	1001.88	174.11
3075.00	27.51	174.77	2844.73	1030.83	-1025.43	105.46	0.44	1030.84	174.13
3139.00	27.32	174.52	2901.54	1060.29	-1054.77	108.21	0.35	1060.30	174.14
3202.00	28.03	174.25	2957.34	1089.55	-1083.89	111.08	1.14	1089.56	174.15
3265.00	28.05	174.11	3012.94	1119.17	-1113.35	114.08	0.11	1119.18	174.15



Scientific Drilling International

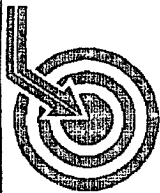
Survey Report

Company: BURLINGTON RESOURCES
 Field: Negro Canyon
 Site: Rio Arriba County, NM
 Well: Negro Canyon #4M
 Wellpath: DH - Job #33D0509099

Date: 06/12/2009 Time: 16:33:22 Page: 2
 Co-ordinate(N/E) Reference: Site: Rio Arriba County, NM, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,173.89Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

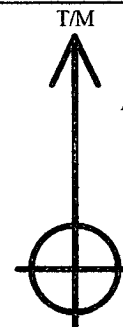
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3328.00	28.06	173.72	3068.54	1148.80	-1142.81	117.22	0.29	1148.81	174.14
3392.00	27.64	173.51	3125.13	1178.70	-1172.53	120.54	0.67	1178.71	174.13
3456.00	26.86	172.70	3182.02	1208.00	-1201.62	124.06	1.35	1208.00	174.11
3519.00	26.78	173.49	3238.25	1236.42	-1229.83	127.48	0.58	1236.42	174.08
3583.00	26.99	173.55	3295.33	1265.36	-1258.59	130.74	0.33	1265.36	174.07
3647.00	25.71	172.30	3352.68	1293.76	-1286.78	134.23	2.18	1293.76	174.04
3711.00	24.54	172.12	3410.62	1320.92	-1313.70	137.92	1.83	1320.92	174.01
3774.00	23.00	171.22	3468.28	1346.29	-1338.83	141.59	2.51	1346.29	173.96
3838.00	20.85	170.14	3527.64	1370.15	-1362.41	145.45	3.42	1370.15	173.91
3901.00	19.23	172.22	3586.83	1391.71	-1383.74	148.77	2.81	1391.71	173.86
3965.00	17.96	173.43	3647.49	1412.11	-1403.98	151.33	2.07	1412.11	173.85
4029.00	16.52	173.20	3708.61	1431.08	-1422.82	153.54	2.25	1431.08	173.84
4092.00	16.83	172.95	3768.96	1449.16	-1440.77	155.72	0.51	1449.16	173.83
4156.00	17.53	173.40	3830.10	1468.06	-1459.54	157.96	1.11	1468.06	173.82
4220.00	17.59	173.96	3891.12	1487.37	-1478.73	160.09	0.28	1487.37	173.82
4284.00	17.00	173.85	3952.23	1506.39	-1497.65	162.11	0.92	1506.39	173.82
4347.00	15.61	171.80	4012.69	1524.07	-1515.19	164.30	2.39	1524.08	173.81
4411.00	13.87	170.74	4074.58	1540.34	-1531.29	166.76	2.75	1540.34	173.78
4475.00	11.62	169.94	4137.00	1554.43	-1545.21	169.12	3.53	1554.44	173.75
4538.00	9.71	169.70	4198.91	1566.06	-1556.68	171.18	3.03	1566.07	173.72
4603.00	8.51	168.30	4263.09	1576.31	-1566.79	173.14	1.88	1576.32	173.69
4667.00	6.83	162.20	4326.52	1584.75	-1575.05	175.26	2.91	1584.77	173.65
4730.00	5.26	153.91	4389.17	1591.14	-1581.21	177.68	2.85	1591.16	173.59



Scientific
Drilling

Field: Negro Canyon
Site: Rio Arriba County, NM
Well: Negro Canyon #4M
Wellpath: DH - Job #33D0509099
Survey: 06/01/09-06/05/09



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/12/2009
Model: igrf2000

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

