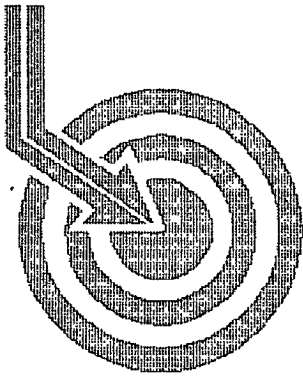




Scientific Drilling

30-045-34337

H 5/27/08

BURLINGTON RESOURCES

Field: Blanco
Site: San Juan County, NM
Well: Blanco Wash Federal #2M
Wellpath: DH - Job #33D12071159
Survey: 12/26/07-01/06/08

RCUD MAY 23 '08
OIL CONS. DIV.
DIST. 3

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

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

Notorized this date 1th of March, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas



8



Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: Blanco
Site: San Juan County, NM
Well: Blanco Wash Federal #2M
Wellpath: DH - Job #33D12071159
Date: 03/07/2008
Time: 14:37:05
Co-ordinate(NE) Reference: Site: San Juan County, NM, True North
Vertical (TVD) Reference: SITE: 0.0
Section (VS) Reference: Well (0.00N,0.00E,288.25Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Survey: 12/26/07-01/06/08
Start Date: 12/26/2007
Company: Scientific Drilling Internatio
Engineer: Calvert/Richie/Heikkinen/Bloss
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
549.00	0.59	12.84	548.99	0.27	2.76	0.63	0.11	2.83	12.84
611.00	1.47	307.94	610.98	1.05	3.56	0.07	2.15	3.56	1.16
672.00	5.54	285.73	671.86	4.73	4.84	-3.38	6.91	5.90	325.04
733.00	9.06	280.37	732.35	12.43	6.50	-10.94	5.87	12.73	300.71
793.00	10.47	277.68	791.48	22.47	8.08	-20.99	2.47	22.49	291.05
854.00	13.86	279.33	851.10	35.14	10.00	-33.70	5.59	35.15	286.53
916.00	14.91	280.13	911.16	50.37	12.61	-48.88	1.72	50.48	284.47
978.00	16.76	281.66	970.80	67.15	15.82	-65.49	3.06	67.37	283.58
1039.00	17.74	287.86	1029.06	85.18	20.45	-82.95	3.41	85.43	283.85
1099.00	17.16	290.31	1086.30	103.17	26.32	-99.95	1.56	103.36	284.76
1161.00	19.15	291.38	1145.21	122.46	33.21	-118.00	3.25	122.58	285.72
1223.00	20.86	290.89	1203.47	143.65	40.85	-137.78	2.77	143.71	286.51
1286.00	21.28	291.77	1262.26	166.26	49.09	-158.88	0.83	166.29	287.17
1350.00	21.90	291.73	1321.77	189.77	57.82	-180.75	0.97	189.77	287.74
1413.00	22.46	291.48	1380.11	213.51	66.57	-202.86	0.90	213.51	288.17
1475.00	22.40	288.12	1437.42	237.15	74.59	-225.11	2.07	237.15	288.33
1539.00	22.36	284.90	1496.60	261.50	81.51	-248.47	1.92	261.50	288.16
1602.00	22.07	286.10	1554.92	285.29	87.87	-271.42	0.85	285.29	287.94
1666.00	23.47	289.52	1613.94	310.05	95.47	-294.99	3.01	310.05	287.93
1727.00	22.68	288.46	1670.06	333.95	103.25	-317.59	1.46	333.95	288.01
1790.00	22.62	288.37	1728.20	358.21	110.91	-340.61	0.11	358.21	288.04
1851.00	22.34	287.46	1784.56	381.53	118.09	-362.80	0.73	381.54	288.03
1914.00	21.89	287.83	1842.93	405.25	125.28	-385.40	0.75	405.25	288.01
1974.00	22.75	288.34	1898.43	428.04	132.35	-407.06	1.47	428.04	288.01
2038.00	22.57	286.76	1957.49	452.69	139.79	-430.57	0.99	452.69	287.99
2101.00	22.41	287.70	2015.70	476.78	146.92	-453.59	0.62	476.79	287.95
2163.00	22.40	287.45	2073.02	500.41	154.06	-476.12	0.15	500.42	287.93
2227.00	21.84	286.28	2132.31	524.50	161.05	-499.18	1.11	524.51	287.88
2291.00	22.43	287.34	2191.59	548.61	168.03	-522.26	1.11	548.62	287.83
2354.00	22.10	285.67	2249.90	572.47	174.81	-545.14	1.13	572.49	287.78
2417.00	22.08	288.38	2308.27	596.15	181.75	-567.79	1.62	596.17	287.75
2480.00	22.13	288.07	2366.64	619.85	189.16	-590.31	0.20	619.88	287.77
2543.00	21.69	287.06	2425.09	643.36	196.26	-612.72	0.92	643.38	287.76
2607.00	21.19	286.68	2484.66	666.75	203.05	-635.11	0.81	666.77	287.73
2670.00	21.44	289.29	2543.36	689.64	210.12	-656.88	1.56	689.67	287.74
2734.00	20.80	289.01	2603.06	712.70	217.69	-678.67	1.01	712.72	287.78
2797.00	20.77	289.36	2661.96	735.05	225.03	-699.78	0.20	735.07	287.83
2859.00	21.14	288.88	2719.86	757.22	232.29	-720.73	0.66	757.24	287.86
2921.00	21.87	288.83	2777.54	779.95	239.64	-742.24	1.18	779.96	287.89
2984.00	21.55	288.72	2836.07	803.25	247.14	-764.30	0.51	803.27	287.92
3043.00	20.97	288.41	2891.06	824.65	253.95	-784.58	1.00	824.66	287.94
3105.00	20.45	286.88	2949.05	846.57	260.60	-805.47	1.21	846.58	287.93
3168.00	22.80	288.40	3007.61	869.78	267.65	-827.59	3.83	869.80	287.92
3262.00	23.42	290.68	3094.07	906.66	280.00	-862.35	1.16	906.67	287.99
3325.00	22.15	289.55	3152.15	931.04	288.39	-885.26	2.13	931.05	288.04
3387.00	22.61	292.27	3209.48	954.62	296.82	-907.30	1.83	954.62	288.12
3449.00	23.36	292.50	3266.56	978.76	306.04	-929.69	1.22	978.77	288.22
3512.00	23.99	293.63	3324.26	1003.97	315.96	-952.96	1.23	1003.97	288.34



Scientific Drilling International

Survey Report

Company: BURLINGTON RESOURCES
 Field: Blanco
 Site: San Juan County, NM
 Well: Blanco Wash Federal #2M
 Wellpath: DH - Job #33D12071159

Date: 03/07/2008 Time: 14:37:05 Page: 2
 Co-ordinate(NE) Reference: Site: San Juan County, NM, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,288.25Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

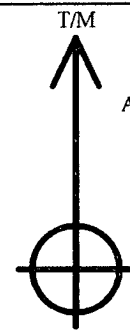
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3574.00	22.75	292.76	3381.17	1028.47	325.65	-975.56	2.08	1028.48	288.46
3638.00	21.67	292.03	3440.42	1052.60	334.87	-997.93	1.74	1052.61	288.55
3700.00	20.95	292.81	3498.18	1075.07	343.46	-1018.76	1.25	1075.10	288.63
3764.00	21.11	290.33	3557.92	1097.99	351.90	-1040.11	1.41	1098.03	288.69
3827.00	21.09	289.24	3616.70	1120.67	359.57	-1061.45	0.62	1120.70	288.71
3890.00	20.71	284.05	3675.56	1143.11	366.01	-1082.96	3.00	1143.14	288.67
3954.00	22.51	284.75	3735.06	1166.63	371.88	-1105.79	2.84	1166.65	288.59
4018.00	21.82	282.81	3794.33	1190.70	377.64	-1129.24	1.57	1190.71	288.49
4082.00	20.11	283.13	3854.09	1213.50	382.77	-1151.55	2.68	1213.50	288.39
4139.00	19.44	285.63	3907.73	1232.73	387.55	-1170.23	1.89	1232.73	288.32
4202.00	21.45	291.83	3966.76	1254.71	394.66	-1191.02	4.69	1254.71	288.33
4263.00	20.75	291.69	4023.67	1276.63	402.81	-1211.42	1.15	1276.63	288.39
4326.00	21.20	293.30	4082.50	1299.11	411.44	-1232.25	1.16	1299.12	288.46
4389.00	21.58	293.54	4141.16	1322.00	420.57	-1253.33	0.62	1322.01	288.55
4452.00	22.39	294.48	4199.58	1345.46	430.17	-1274.87	1.40	1345.49	288.65
4515.00	23.10	291.56	4257.68	1369.73	439.68	-1297.29	2.12	1369.77	288.72
4578.00	22.58	286.73	4315.75	1394.16	447.71	-1320.37	3.09	1394.21	288.73
4673.00	19.11	278.69	4404.53	1427.74	455.31	-1353.22	4.73	1427.77	288.60
4735.00	16.12	275.25	4463.62	1446.14	457.63	-1371.83	5.10	1446.15	288.45
4799.00	13.60	275.85	4525.47	1462.15	459.21	-1388.17	3.94	1462.15	288.30
4863.00	11.87	277.82	4587.90	1475.97	460.87	-1402.18	2.79	1475.98	288.19
4924.00	11.70	276.09	4647.61	1488.19	462.38	-1414.54	0.64	1488.20	288.10
4988.00	10.16	275.91	4710.45	1500.05	463.65	-1426.61	2.41	1500.06	288.00
5052.00	7.91	277.76	4773.65	1509.90	464.83	-1436.59	3.54	1509.92	287.93
5116.00	5.37	279.02	4837.22	1517.18	465.89	-1443.91	3.98	1517.21	287.88
5179.00	3.17	284.91	4900.04	1521.83	466.80	-1448.51	3.56	1521.87	287.86
5241.00	1.75	283.94	4961.98	1524.49	467.47	-1451.08	2.29	1524.52	287.86



Scientific
Drilling

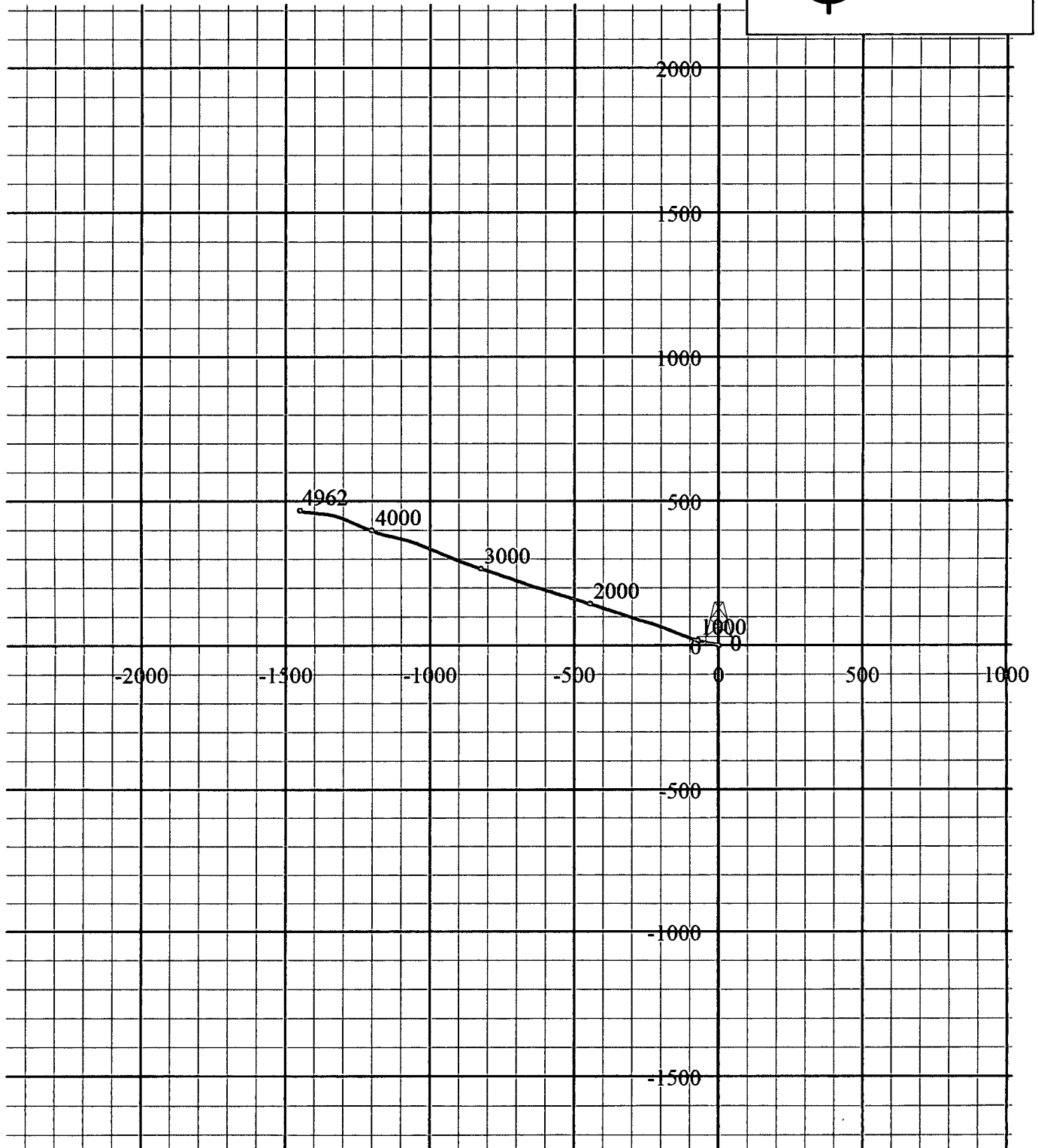
Field: Blanco
Site: San Juan County, NM
Well: Blanco Wash Federal #2M
Wellpath: DH - Job #33D12071159
Survey: 12/26/07-01/06/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 02/11/2008
Model: igrf2000

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



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

COP Deviation Report
BLANCO WASH FEDERAL #2M

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
1/5/2008	5,052.00	7.91	MWD	Scientific Drilling
1/5/2008	5,116.00	5.37	MWD	Scientific Drilling
1/5/2008	5,179.00	3.17	MWD	Scientific Drilling
1/5/2008	5,241.00	1.75	MWD	Scientific Drilling
1/5/2008	5,287.00	0.70	MWD	Scientific Drilling
1/6/2008	5,287.00	0.75	TEL	RIG
1/7/2008	5,786.00	0.50	TEL	RIG
1/7/2008	6,068.00	1.00	TEL	RIG
1/7/2008	6,325.00	0.50	TEL	RIG
1/7/2008	6,564.00	0.50	TEL	RIG
1/10/2008	7,064.00	0.50	TEL	RIG
1/11/2008	7,557.00	1.00	TEL	RIG
1/11/2008	7,774.00	0.50	TEL	RIG

RCVD MAY 23 '08
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.

Mike Sells

Subscribed and sworn to me this 5-16-08

Charles J. Bagnas

Notary Public in and for San Juan County, New Mexico

My Commission expires

January 10, 2011

COP Deviation Report

ConocoPhillips

BLANCO WASH FEDERAL #2M

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName BLANCO WASH FEDERAL #2M	API / UWI 3004534337	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location SEC:34;TWN.028N;RNG:009W	N/S Dist (ft) 1,630.00	N/S Ref FNL	E/W Dist (ft) 1,960.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
12/22/2007	67.00	0.75	Incl	RIG
12/22/2007	217.00	0.75	Incl	RIG
12/22/2007	523.00	0.25	Incl	RIG
12/29/2007	549.00	0.59	MWD	Scientific Drilling
12/29/2007	611.00	1.47	MWD	Scientific Drilling
12/29/2007	672.00	5.54	MWD	Scientific Drilling
12/29/2007	733.00	9.06	MWD	Scientific Drilling
12/29/2007	793.00	10.47	MWD	Scientific Drilling
12/29/2007	854.00	13.86	MWD	Scientific Drilling
12/29/2007	916.00	14.91	MWD	Scientific Drilling
12/29/2007	978.00	16.76	MWD	Scientific Drilling
12/29/2007	1,039.00	17.74	MWD	Scientific Drilling
12/29/2007	1,099.00	17.16	MWD	Scientific Drilling
12/29/2007	1,161.00	19.15	MWD	Scientific Drilling
12/29/2007	1,223.00	20.86	MWD	Scientific Drilling
12/29/2007	1,286.00	21.28	MWD	Scientific Drilling
12/29/2007	1,350.00	21.90	MWD	Scientific Drilling
12/29/2007	1,413.00	22.46	MWD	Scientific Drilling
12/29/2007	1,475.00	22.40	MWD	Scientific Drilling
12/29/2007	1,539.00	22.36	MWD	Scientific Drilling
12/29/2007	1,602.00	22.07	MWD	Scientific Drilling
12/29/2007	1,666.00	23.47	MWD	Scientific Drilling
12/29/2007	1,727.00	22.68	MWD	Scientific Drilling
12/29/2007	1,790.00	22.62	MWD	Scientific Drilling
12/29/2007	1,851.00	22.34	MWD	Scientific Drilling
12/29/2007	1,914.00	21.89	MWD	Scientific Drilling
12/29/2007	1,974.00	22.75	MWD	Scientific Drilling
12/29/2007	2,038.00	22.57	MWD	Scientific Drilling
12/29/2007	2,101.00	22.41	MWD	Scientific Drilling
12/29/2007	2,163.00	22.40	MWD	Scientific Drilling
12/29/2007	2,227.00	21.84	MWD	Scientific Drilling
12/29/2007	2,291.00	22.43	MWD	Scientific Drilling
12/29/2007	2,354.00	22.10	MWD	Scientific Drilling
12/29/2007	2,417.00	22.08	MWD	Scientific Drilling
12/29/2007	2,480.00	22.13	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
12/29/2007	2,543.00	21.69	MWD	Scientific Drilling
12/29/2007	2,607.00	21.19	MWD	Scientific Drilling
12/30/2007	2,670.00	21.44	MWD	Scientific Drilling
12/30/2007	2,734.00	20.80	MWD	Scientific Drilling
12/30/2007	2,797.00	20.77	MWD	Scientific Drilling
12/30/2007	2,859.00	21.14	MWD	Scientific Drilling
12/30/2007	2,921.00	21.87	MWD	Scientific Drilling
12/30/2007	2,984.00	21.55	MWD	Scientific Drilling
12/30/2007	3,043.00	20.97	MWD	Scientific Drilling
12/30/2007	3,105.00	20.45	MWD	Scientific Drilling
12/30/2007	3,168.00	22.80	MWD	Scientific Drilling
12/30/2007	3,262.00	23.42	MWD	Scientific Drilling
12/30/2007	3,325.00	22.15	MWD	Scientific Drilling
12/30/2007	3,387.00	22.61	MWD	Scientific Drilling
12/30/2007	3,449.00	23.36	MWD	Scientific Drilling
12/30/2007	3,512.00	23.99	MWD	Scientific Drilling
12/30/2007	3,574.00	22.75	MWD	Scientific Drilling
12/30/2007	3,638.00	21.67	MWD	Scientific Drilling
12/31/2007	3,700.00	20.95	MWD	Scientific Drilling
12/31/2007	3,764.00	21.11	MWD	Scientific Drilling
12/31/2007	3,827.00	21.09	MWD	Scientific Drilling
12/31/2007	3,890.00	20.71	MWD	Scientific Drilling
12/31/2007	3,954.00	22.51	MWD	Scientific Drilling
12/31/2007	4,018.00	21.82	MWD	Scientific Drilling
12/31/2007	4,082.00	20.11	MWD	Scientific Drilling
1/3/2008	4,139.00	19.44	MWD	Scientific Drilling
1/3/2008	4,202.00	21.45	MWD	Scientific Drilling
1/3/2008	4,263.00	20.75	MWD	Scientific Drilling
1/3/2008	4,326.00	21.20	MWD	Scientific Drilling
1/3/2008	4,389.00	21.58	MWD	Scientific Drilling
1/3/2008	4,452.00	22.39	MWD	Scientific Drilling
1/3/2008	4,515.00	23.10	MWD	Scientific Drilling
1/3/2008	4,578.00	22.58	MWD	Scientific Drilling
1/3/2008	4,673.00	19.11	MWD	Scientific Drilling
1/3/2008	4,735.00	16.12	MWD	Scientific Drilling
1/3/2008	4,799.00	13.60	MWD	Scientific Drilling
1/3/2008	4,863.00	11.87	MWD	Scientific Drilling
1/3/2008	4,924.00	11.70	MWD	Scientific Drilling
1/3/2008	4,988.00	10.16	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 _____

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1307 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1800 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 30-045-34337	*Pool Code 72319/71599	*Pool Name Blanco Mesa Verde/Basin Dakota
*Property Code 36058	*Property Name BLANCO WASH FEDERAL	*Well Number 2M
*OCRD No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6811

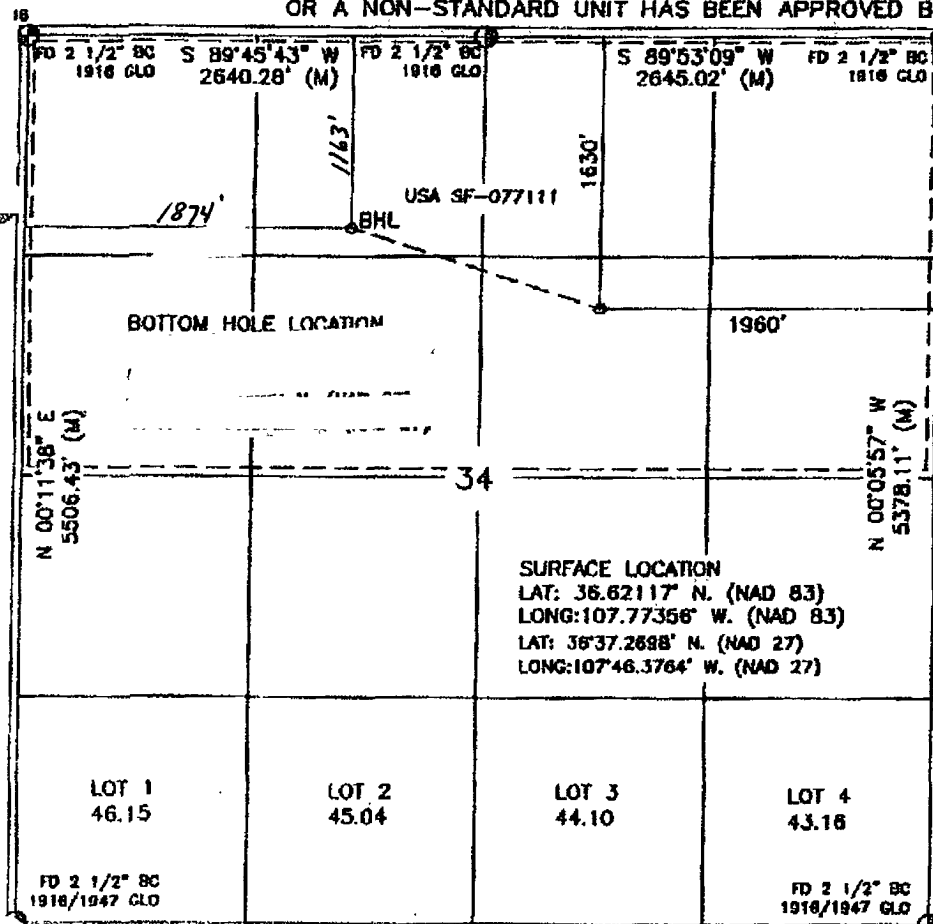
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	34	28-N	9-W		1630	NORTH	1960	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
C	34	28-N	9-W		1163'	NORTH	1874'	WEST	SAN JUAN
Dedicated Acres 320 acres (mv/OK)		Joint or Infill		Cancellation Code		Order No.			

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.

Tamra Sessions 5/23/08
Signature Date

Tamra Sessions
Printed Name

RCVD MAY 23 '08
OIL CONS. DIV.
DIST. 3

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.

11-15-06
Date of Survey

Signature and Seal of Professional Surveyor:

8894
Certificate Number