

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1800 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 30-039-30352	² Pool Code 72319/71599	³ Pool Name Blanco Mesa Verde/Basin Dakota
⁴ Property Code 7452	⁵ Property Name SAN JUAN 27-4 UNIT	
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁶ Well Number 70P
		⁹ Elevation 7171

¹⁰ SURFACE LOCATION

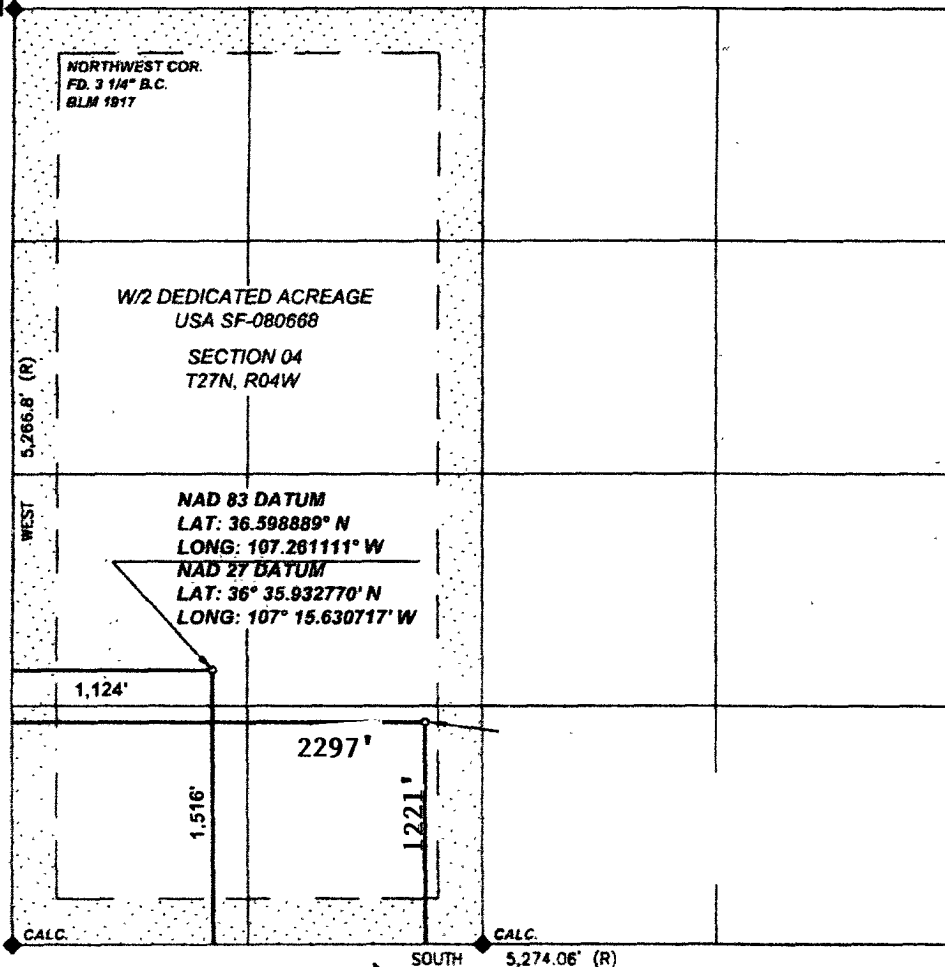
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	04	27-N	04-W		1516	SOUTH	1124	WEST	RIO ARriba

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
N	04	27N	04W		1221'	SOUTH	2297'	WEST	RIO ARriba

¹² Dedicated Acres 319.2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

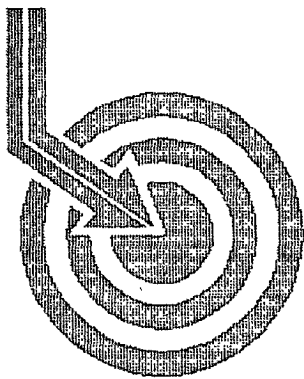


¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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.
<i>Ethel Tally</i> Signature
Ethel Tally Printed Name
Staff Regulatory Technician Title and E-mail Address
July 20, 2009 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: 11/03/06 Signature and Seal of Professional Surveyor:
Certificate Number: NM 11393

P.A.

27/22

m



Scientific Drilling

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #70P
Wellpath: DH - Job #33D0808179
Survey: 08/16/08-08/21/08

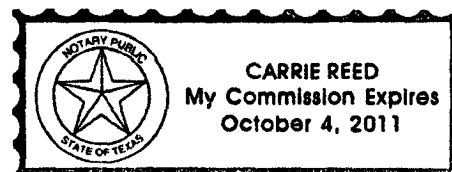
RCVD JUL 21 '09
OIL CONS. DIV.
DIST. 3

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

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

Notorized this date 26th of August, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 08/26/2008	Time: 15:50:06	Page: 1
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 #70P	Section (VS) Reference:	Well (0.00N,0.00E,104.07Azi)	
Wellpath: DH - Job #33D0808179	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 08/16/08-08/21/08	Start Date: 08/16/2008
E-field 0'-4497'	
Company: Scientific Drilling Internatio	Engineer: Rasmussen/Lockard/Alvarez/Flow
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
285.00	0.50	136.59	285.00	1.05	-0.90	0.85	0.18	1.24	136.59
345.00	1.32	133.00	344.99	1.87	-1.56	1.54	1.37	2.20	135.46
407.00	2.12	121.54	406.96	3.59	-2.65	3.04	1.40	4.03	131.10
469.00	3.44	118.27	468.89	6.49	-4.13	5.66	2.14	7.00	126.16
530.00	4.13	115.33	529.75	10.42	-5.94	9.25	1.17	10.99	122.70
592.00	5.48	114.75	591.53	15.52	-8.13	13.96	2.18	16.16	120.23
653.00	6.10	114.75	652.22	21.57	-10.71	19.55	1.02	22.29	118.72
714.00	6.66	110.12	712.84	28.27	-13.28	25.81	1.25	29.03	117.23
775.00	7.92	110.00	773.35	35.97	-15.94	33.08	2.07	36.72	115.72
837.00	8.60	103.22	834.71	44.85	-18.46	41.61	1.91	45.52	113.92
897.00	9.80	102.25	893.93	54.44	-20.57	50.97	2.02	54.96	111.98
959.00	10.45	101.71	954.97	65.33	-22.83	61.63	1.06	65.72	110.33
1021.00	10.87	101.34	1015.90	76.79	-25.12	72.87	0.69	77.08	109.02
1051.00	11.10	101.37	1045.35	82.50	-26.25	78.47	0.77	82.75	108.49
1113.00	11.57	103.34	1106.14	94.68	-28.86	90.37	0.98	94.87	107.71
1176.00	12.48	99.75	1167.76	107.78	-31.47	103.23	1.87	107.92	106.95
1239.00	13.70	98.10	1229.12	121.99	-33.67	117.33	2.03	122.06	106.01
1300.00	14.72	98.62	1288.25	136.89	-35.85	132.14	1.69	136.92	105.18
1361.00	15.13	99.40	1347.19	152.54	-38.31	147.66	0.75	152.55	104.55
1425.00	16.70	98.06	1408.74	170.01	-40.97	165.00	2.52	170.01	103.94
1486.00	17.15	99.72	1467.10	187.70	-43.71	182.54	1.08	187.71	103.47
1550.00	17.21	100.38	1528.24	206.55	-47.01	201.16	0.32	206.58	103.15
1613.00	18.70	99.79	1588.17	225.93	-50.41	220.28	2.38	225.97	102.89
1675.00	18.18	99.65	1646.99	245.48	-53.72	239.61	0.84	245.56	102.64
1739.00	22.58	104.00	1706.97	267.73	-58.37	261.39	7.27	267.82	102.59
1804.00	26.74	106.45	1766.03	294.84	-65.53	287.53	6.59	294.90	102.84
1867.00	26.44	106.08	1822.37	323.01	-73.43	314.60	0.54	323.06	103.14
1929.00	26.69	105.70	1877.82	350.73	-81.02	341.27	0.49	350.75	103.36
1990.00	25.73	105.58	1932.55	377.66	-88.29	367.21	1.58	377.68	103.52
2052.00	25.66	105.88	1988.42	404.53	-95.57	393.09	0.24	404.54	103.67
2115.00	25.70	104.76	2045.20	431.82	-102.79	419.42	0.77	431.83	103.77
2177.00	25.26	104.36	2101.17	458.49	-109.49	445.23	0.76	458.50	103.82
2240.00	24.81	105.35	2158.25	485.15	-116.32	471.00	0.98	485.15	103.87
2302.00	24.34	104.02	2214.63	510.93	-122.86	495.94	1.17	510.93	103.91
2366.00	23.83	103.96	2273.06	537.05	-129.18	521.28	0.80	537.05	103.92
2427.00	23.46	104.86	2328.94	561.51	-135.26	544.98	0.85	561.51	103.94
2491.00	23.50	104.67	2387.64	587.01	-141.76	569.64	0.13	587.01	103.98
2554.00	23.45	104.18	2445.43	612.11	-148.02	593.94	0.32	612.11	103.99
2617.00	22.98	104.11	2503.32	636.94	-154.08	618.02	0.75	636.94	104.00
2680.00	22.96	104.15	2561.33	661.52	-160.09	641.86	0.04	661.53	104.00
2744.00	22.46	103.29	2620.37	686.23	-165.95	665.87	0.94	686.23	103.99
2806.00	22.23	103.17	2677.71	709.80	-171.34	688.81	0.38	709.80	103.97
2869.00	22.61	103.14	2735.95	733.83	-176.81	712.21	0.60	733.83	103.94
2932.00	23.32	104.78	2793.96	758.40	-182.75	736.06	1.52	758.41	103.94
2995.00	22.91	105.69	2851.90	783.13	-189.24	759.92	0.86	783.13	103.98
3058.00	22.39	105.86	2910.04	807.38	-195.84	783.27	0.83	807.38	104.04
3120.00	22.01	105.57	2967.44	830.80	-202.18	805.82	0.64	830.80	104.08
3183.00	21.88	103.41	3025.88	854.34	-208.07	828.61	1.30	854.34	104.10

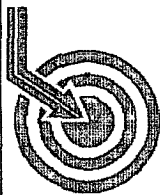


Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 08/26/2008	Time: 15:50:06	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 #70P	Section (VS) Reference:	Well (0.00N,0.00E,104.07Azi)	
Wellpath: DH - Job #33D0808179	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
3245.00	22.35	104.73	3083.32	877.68	-213.75	851.25	1.10	877.68	104.10
3308.00	22.47	103.44	3141.56	901.69	-219.60	874.54	0.80	901.69	104.10
3371.00	22.00	103.64	3199.88	925.53	-225.18	897.72	0.76	925.53	104.08
3436.00	21.43	103.86	3260.26	949.58	-230.89	921.08	0.89	949.58	104.07
3498.00	22.05	105.17	3317.85	972.54	-236.65	943.31	1.27	972.54	104.08
3562.00	22.05	104.99	3377.17	996.56	-242.90	966.51	0.11	996.57	104.11
3626.00	22.15	105.19	3436.47	1020.64	-249.17	989.76	0.20	1020.64	104.13
3689.00	21.90	105.35	3494.87	1044.26	-255.39	1012.55	0.41	1044.26	104.16
3753.00	21.45	104.97	3554.35	1067.89	-261.57	1035.36	0.74	1067.90	104.18
3813.00	19.81	104.65	3610.50	1089.03	-266.98	1055.80	2.74	1089.03	104.19
3877.00	18.55	102.70	3670.95	1110.05	-271.96	1076.22	2.21	1110.06	104.18
3940.00	16.11	101.87	3731.08	1128.81	-275.96	1094.56	3.89	1128.81	104.15
4004.00	14.28	101.79	3792.84	1145.57	-279.40	1110.98	2.86	1145.57	104.12
4067.00	12.39	103.59	3854.14	1160.09	-282.58	1125.15	3.07	1160.09	104.10
4131.00	10.13	108.70	3916.91	1172.57	-286.00	1137.16	3.86	1172.57	104.12
4193.00	8.95	101.10	3978.05	1182.82	-288.67	1147.06	2.78	1182.82	104.13
4254.00	6.53	103.86	4038.49	1191.03	-290.42	1155.08	4.01	1191.03	104.11
4317.00	5.26	102.99	4101.15	1197.50	-291.93	1161.37	2.02	1197.50	104.11
4381.00	4.68	105.39	4164.91	1203.04	-293.28	1166.75	0.96	1203.04	104.11
4444.00	3.31	102.87	4227.76	1207.43	-294.36	1171.00	2.19	1207.43	104.11
4497.00	2.05	104.57	4280.70	1209.91	-294.94	1173.41	2.38	1209.91	104.11



**Scientific
Drilling**

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #70P
Wellpath: DH - Job #33D0808179
Survey: 08/16/08-08/21/08

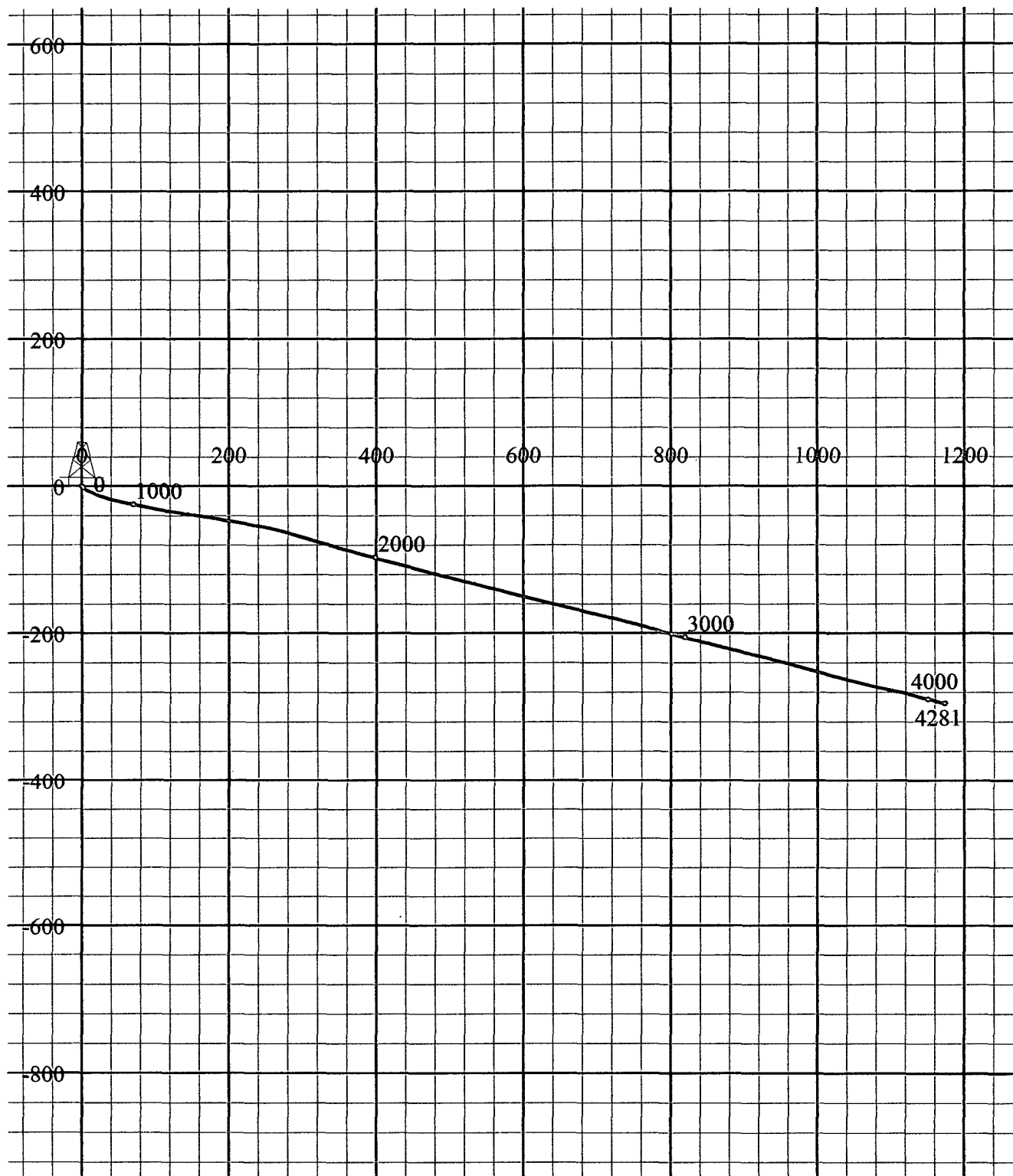


Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 08/26/2008
Model: igrf2000

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

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



Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 27-4 UNIT #70P	API / UWI 3003930352	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 004-027N-004W-L	N/S Dist (ft) 1,516.00	N/S Ref FSL	E/W Dist (ft) 1,124.00	E/W Ref FWL

Survey Data					Survey Company
Date	MD (ftKB)	Incl. (°)	Method		
8/15/2008	61.00	1.00	Incl		TOTCO
8/15/2008	223.00	1.00	Incl		TOTCO
8/17/2008	285.00	0.50	MWD		Scientific Drilling
8/17/2008	345.00	1.32	MWD		Scientific Drilling
8/17/2008	407.00	2.12	MWD		Scientific Drilling
8/17/2008	469.00	3.44	MWD		Scientific Drilling
8/17/2008	530.00	4.13	MWD		Scientific Drilling
8/17/2008	592.00	5.48	MWD		Scientific Drilling
8/17/2008	653.00	6.10	MWD		Scientific Drilling
8/17/2008	714.00	6.66	MWD		Scientific Drilling
8/17/2008	775.00	7.92	MWD		Scientific Drilling
8/17/2008	837.00	8.60	MWD		Scientific Drilling
8/17/2008	897.00	9.80	MWD		Scientific Drilling
8/17/2008	959.00	10.45	MWD		Scientific Drilling
8/17/2008	1,021.00	10.87	MWD		Scientific Drilling
8/18/2008	1,051.00	11.10	MWD		Scientific Drilling
8/18/2008	1,113.00	11.57	MWD		Scientific Drilling
8/18/2008	1,176.00	12.48	MWD		Scientific Drilling
8/18/2008	1,239.00	13.70	MWD		Scientific Drilling
8/18/2008	1,300.00	14.72	MWD		Scientific Drilling
8/18/2008	1,361.00	15.13	MWD		Scientific Drilling
8/18/2008	1,425.00	16.70	MWD		Scientific Drilling
8/18/2008	1,486.00	17.15	MWD		Scientific Drilling
8/18/2008	1,550.00	17.21	MWD		Scientific Drilling
8/18/2008	1,613.00	18.70	MWD		Scientific Drilling
8/18/2008	1,675.00	18.18	MWD		Scientific Drilling
8/18/2008	1,739.00	22.58	MWD		Scientific Drilling
8/18/2008	1,804.00	26.74	MWD		Scientific Drilling
8/18/2008	1,867.00	26.44	MWD		Scientific Drilling
8/18/2008	1,929.00	26.69	MWD		Scientific Drilling
8/18/2008	1,990.00	25.73	MWD		Scientific Drilling
8/18/2008	2,052.00	25.66	MWD		Scientific Drilling
8/18/2008	2,115.00	25.70	MWD		Scientific Drilling
8/18/2008	2,177.00	25.26	MWD		Scientific Drilling
8/19/2008	2,240.00	24.81	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	
8/19/2008	2,302.00	24.34	MWD	Scientific Drilling	
8/19/2008	2,366.00	23.83	MWD	Scientific Drilling	
8/19/2008	2,427.00	23.46	MWD	Scientific Drilling	
8/19/2008	2,491.00	23.50	MWD	Scientific Drilling	
8/19/2008	2,554.00	23.45	MWD	Scientific Drilling	
8/19/2008	2,617.00	22.98	MWD	Scientific Drilling	
8/19/2008	2,680.00	22.96	MWD	Scientific Drilling	
8/19/2008	2,744.00	22.46	MWD	Scientific Drilling	
8/19/2008	2,806.00	22.23	MWD	Scientific Drilling	
8/19/2008	2,869.00	22.61	MWD	Scientific Drilling	
8/19/2008	2,932.00	23.32	MWD	Scientific Drilling	
8/19/2008	2,995.00	22.91	MWD	Scientific Drilling	
8/19/2008	3,058.00	22.39	MWD	Scientific Drilling	
8/19/2008	3,120.00	22.01	MWD	Scientific Drilling	
8/19/2008	3,183.00	21.88	MWD	Scientific Drilling	
8/19/2008	3,245.00	22.35	MWD	Scientific Drilling	
8/19/2008	3,308.00	22.47	MWD	Scientific Drilling	
8/19/2008	3,371.00	22.00	MWD	Scientific Drilling	
8/19/2008	3,435.00	21.43	MWD	Scientific Drilling	
8/19/2008	3,497.00	22.05	MWD	Scientific Drilling	
8/19/2008	3,561.00	22.06	MWD	Scientific Drilling	
8/19/2008	3,625.00	22.15	MWD	Scientific Drilling	
8/19/2008	3,688.00	21.90	MWD	Scientific Drilling	
8/19/2008	3,752.00	21.45	MWD	Scientific Drilling	
8/20/2008	3,813.00	19.81	MWD	Scientific Drilling	
8/20/2008	3,877.00	18.55	MWD	Scientific Drilling	
8/20/2008	3,940.00	16.11	MWD	Scientific Drilling	
8/20/2008	4,004.00	14.28	MWD	Scientific Drilling	
8/20/2008	4,067.00	12.39	MWD	Scientific Drilling	
8/20/2008	4,131.00	10.13	MWD	Scientific Drilling	
8/20/2008	4,193.00	8.95	MWD	Scientific Drilling	
8/20/2008	4,254.00	6.53	MWD	Scientific Drilling	
8/20/2008	4,317.00	5.26	MWD	Scientific Drilling	
8/20/2008	4,381.00	4.68	MWD	Scientific Drilling	
8/20/2008	4,444.00	3.31	MWD	Scientific Drilling	
8/20/2008	4,497.00	2.05	MWD	Scientific Drilling	
8/20/2008	4,547.00	0.87	MWD	Scientific Drilling	
8/27/2008	7,910.00		Extrap.		
9/6/2008	8,629.00	1.00	FINAL BHS	PHOENIX	

I, the undersigned, certify that I acting in my capacity as 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.

Samuel L. Laffin

Subscribed and sworn to me this July 17th

Ethel Tally

Notary Public in and for San Juan County, New Mexico

My Commission expires Oct 1, 2012