

"As Drilled Plat"

DISTRICT I
625 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
301 W. 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
000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
220 S. St. Francis Dr., Santa Fe, NM 87508

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34783		*Pool Code 71599/72319	*Pool Name BLANCO BASIN DAKOTA/MESAVERDE
*Property Code 7143	*Property Name HUGHES		*Well Number 10 M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6852'

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
F	3	27N	9W	10	1500'	NORTH	1500'	WEST	SAN JUAN

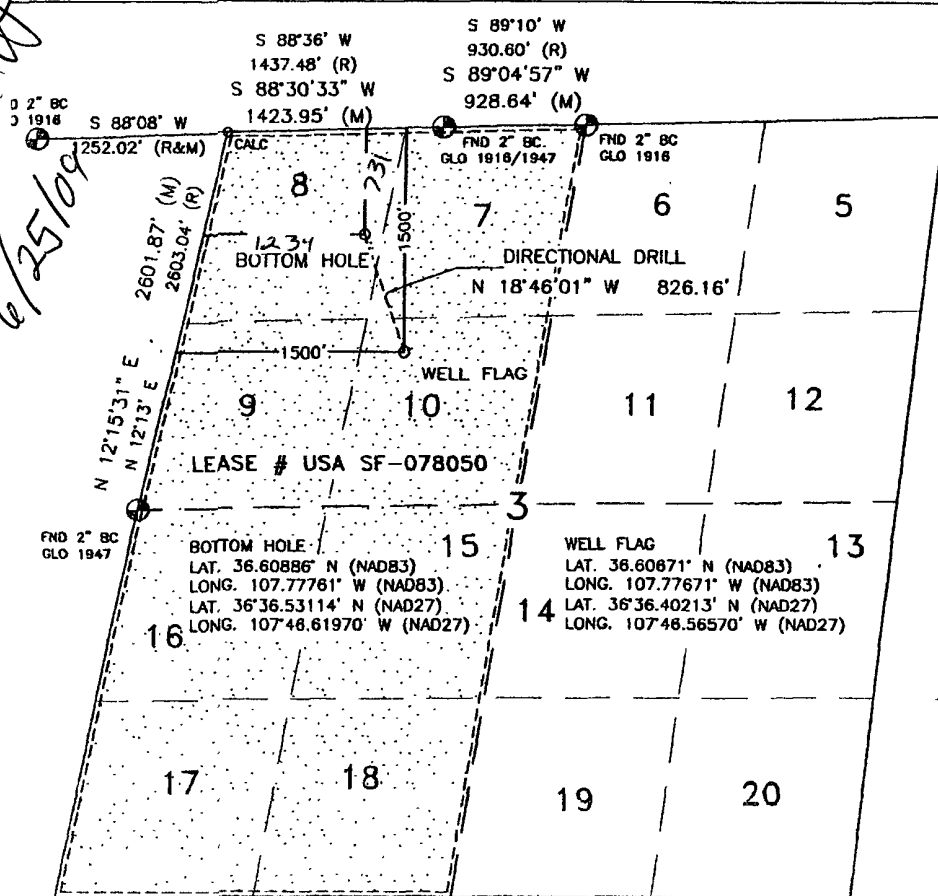
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	3	27N	9W	8	731	NORTH	1234	WEST	SAN JUAN

*Dedicated Acres 291.38 Acres - (W/2)	*Joint or Infill	*Consolidation Code	*Order No. RCVD JUN 25 '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

DISL 3



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 or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* 6/23/09
Printed Name: Kelly J. Jester

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.

FEBRUARY 20, 2008

Date of Survey

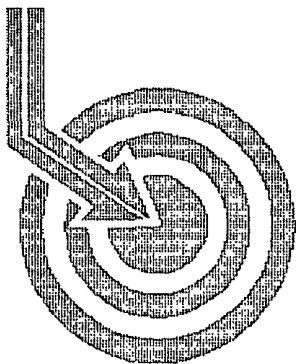
Signature and Seal of Professional Surveyor:

[Signature]
DAVID R. RUSSELL
REGISTERED PROFESSIONAL LAND SURVEYOR
NEW MEXICO
10201

DAVID RUSSELL

Certificate Number 10201

8



Scientific Drilling

RCVD JUN 25 '09

OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

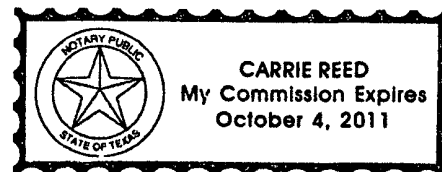
Field: Hughes
Site: Rio Arriba County, NM
Well: Hughes #10M
Wellpath: DH - Job #33D0309047
Survey: 03/04/09-03/08/09

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

.....*R. Hart*.....Company Representative

Notorized this date 18th of March, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: Hughes
Site: Rio Arriba County, NM
Well: Hughes #10M
Wellpath: DH - Job #33D0309047

Date: 03/16/2009 Time: 16:10:09 Page: 1
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,341.35Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 03/04/09-03/08/09
E-field 0°-4870°

Start Date: 03/04/2009

Company: Scientific Drilling Internatio
Tool: E-field;E-field

Engineer: Richey/Drake/Clifton/Mitchell
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
804.00	0.78	113.75	803.98	-3.69	-2.20	5.01	0.10	5.47	113.75
866.00	0.75	103.45	865.97	-4.19	-2.47	5.79	0.23	6.29	113.09
929.00	0.79	115.37	928.96	-4.71	-2.75	6.58	0.26	7.13	112.67
992.00	0.78	107.77	991.96	-5.27	-3.07	7.38	0.17	8.00	112.56
1055.00	0.88	116.78	1054.95	-5.87	-3.42	8.22	0.26	8.91	112.56
1117.00	0.74	78.10	1116.95	-6.25	-3.55	9.04	0.89	9.71	111.43
1180.00	0.77	44.20	1179.94	-6.11	-3.16	9.73	0.70	10.23	107.99
1243.00	1.46	13.07	1242.93	-5.23	-2.08	10.21	1.42	10.42	101.49
1306.00	1.79	7.30	1305.90	-3.66	-0.32	10.52	0.58	10.52	91.73
1368.00	3.06	2.86	1367.85	-1.25	2.30	10.72	2.07	10.97	77.92
1431.00	3.80	349.75	1430.73	2.38	6.03	10.44	1.70	12.05	59.98
1494.00	4.86	342.05	1493.55	7.11	10.62	9.24	1.92	14.08	41.02
1556.00	5.27	339.09	1555.31	12.58	15.78	7.42	0.78	17.44	25.17
1619.00	5.08	335.55	1618.06	18.25	21.02	5.23	0.59	21.66	13.97
1681.00	5.08	334.43	1679.81	23.70	26.00	2.91	0.16	26.16	6.38
1744.00	5.23	332.68	1742.56	29.31	31.06	0.39	0.34	31.07	0.71
1806.00	5.23	328.13	1804.30	34.85	35.98	-2.40	0.67	36.06	356.18
1869.00	5.05	327.52	1867.05	40.34	40.75	-5.41	0.30	41.11	352.44
1931.00	4.93	336.39	1928.81	45.65	45.50	-7.94	1.26	46.18	350.10
1994.00	4.58	342.75	1991.60	50.86	50.38	-9.77	1.00	51.32	349.02
2056.00	4.62	339.20	2053.40	55.83	55.08	-11.39	0.46	56.24	348.32
2119.00	5.90	343.37	2116.13	61.60	60.55	-13.22	2.12	61.98	347.69
2182.00	7.31	343.71	2178.71	68.84	67.50	-15.27	2.24	69.21	347.25
2243.00	8.65	343.91	2239.12	77.30	75.63	-17.63	2.20	77.66	346.88
2306.00	10.02	340.28	2301.28	87.51	85.35	-20.79	2.37	87.84	346.31
2369.00	11.27	337.57	2363.20	99.14	96.20	-24.99	2.14	99.39	345.44
2431.00	13.14	340.47	2423.79	112.23	108.44	-29.66	3.17	112.42	344.70
2494.00	14.91	341.43	2484.91	127.50	122.87	-34.63	2.83	127.66	344.26
2557.00	16.56	341.10	2545.55	144.58	139.05	-40.12	2.62	144.72	343.90
2619.00	18.22	340.27	2604.71	163.11	156.53	-46.26	2.71	163.23	343.54
2682.00	19.82	339.23	2664.27	183.63	175.79	-53.37	2.60	183.72	343.11
2745.00	21.02	337.64	2723.31	205.58	196.23	-61.46	2.10	205.63	342.61
2807.00	21.32	337.22	2781.13	227.92	216.91	-70.05	0.54	227.94	342.10
2870.00	21.14	337.48	2839.85	250.67	237.96	-78.84	0.32	250.68	341.67
2932.00	20.70	342.41	2897.77	272.79	258.73	-86.43	2.93	272.79	341.53
2995.00	20.67	344.79	2956.71	295.02	280.08	-92.71	1.34	295.02	341.68
3058.00	21.14	343.22	3015.56	317.47	301.68	-98.91	1.16	317.48	341.85
3121.00	20.10	341.66	3074.53	339.65	322.84	-105.60	1.87	339.67	341.89
3183.00	18.60	341.26	3133.02	360.19	342.31	-112.13	2.43	360.21	341.86
3246.00	16.93	340.09	3193.02	379.41	360.45	-118.48	2.71	379.43	341.80
3309.00	16.88	340.30	3253.30	397.73	377.69	-124.68	0.13	397.74	341.73
3371.00	17.47	342.28	3312.53	416.04	395.03	-130.55	1.34	416.04	341.71
3433.00	18.11	343.06	3371.57	434.97	413.11	-136.19	1.10	434.98	341.75
3496.00	18.01	341.94	3431.46	454.50	431.74	-142.06	0.57	454.51	341.79
3558.00	17.84	339.55	3490.45	473.58	449.75	-148.35	1.22	473.59	341.74
3621.00	18.61	341.17	3550.29	493.27	468.31	-154.97	1.46	493.28	341.69
3684.00	17.81	342.07	3610.14	512.96	486.99	-161.18	1.35	512.97	341.69
3746.00	18.21	341.61	3669.10	532.13	505.20	-167.16	0.68	532.14	341.69



Scientific
Drilling

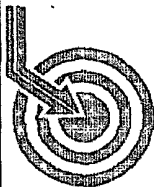
Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: Hughes
Site: Rio Arriba County, NM
Well: Hughes #10M
Wellpath: DH - Job #33D0309047

Date: 03/16/2009 Time: 16:10:09 Page: 2
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,341.35Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

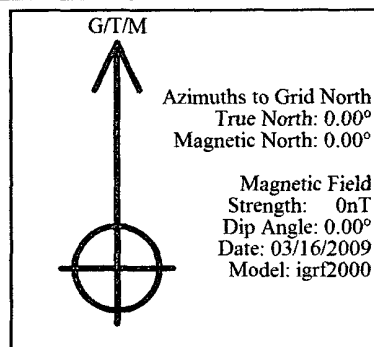
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3809.00	19.07	341.59	3728.80	552.26	524.31	-173.51	1.37	552.27	341.69
3871.00	18.39	340.98	3787.51	572.17	543.17	-179.90	1.14	572.18	341.67
3934.00	18.11	339.41	3847.34	591.90	561.73	-186.58	0.90	591.90	341.63
3997.00	19.00	341.19	3907.07	611.94	580.60	-193.33	1.67	611.94	341.58
4060.00	18.49	340.62	3966.73	632.18	599.73	-199.95	0.86	632.19	341.56
4122.00	18.23	339.79	4025.57	651.71	618.11	-206.57	0.59	651.71	341.52
4248.00	18.25	342.49	4145.24	691.14	655.42	-219.31	0.67	691.14	341.50
4310.00	18.00	341.60	4204.16	710.42	673.77	-225.25	0.60	710.42	341.51
4374.00	16.55	339.58	4265.28	729.42	691.69	-231.56	2.45	729.42	341.49
4436.00	15.00	338.36	4324.94	746.26	707.43	-237.60	2.56	746.26	341.43
4499.00	13.24	337.39	4386.03	761.60	721.67	-243.38	2.82	761.60	341.36
4561.00	10.75	335.06	4446.68	774.43	733.47	-248.55	4.09	774.43	341.28
4625.00	9.56	336.09	4509.67	785.66	743.74	-253.22	1.88	785.66	341.20
4687.00	7.77	334.84	4570.96	794.95	752.24	-257.09	2.90	794.96	341.13
4751.00	6.48	330.80	4634.47	802.80	759.31	-260.69	2.16	802.81	341.05
4814.00	5.48	330.91	4697.12	809.25	765.04	-263.88	1.59	809.27	340.97
4870.00	2.88	341.23	4752.97	813.29	768.71	-265.64	4.81	813.31	340.94

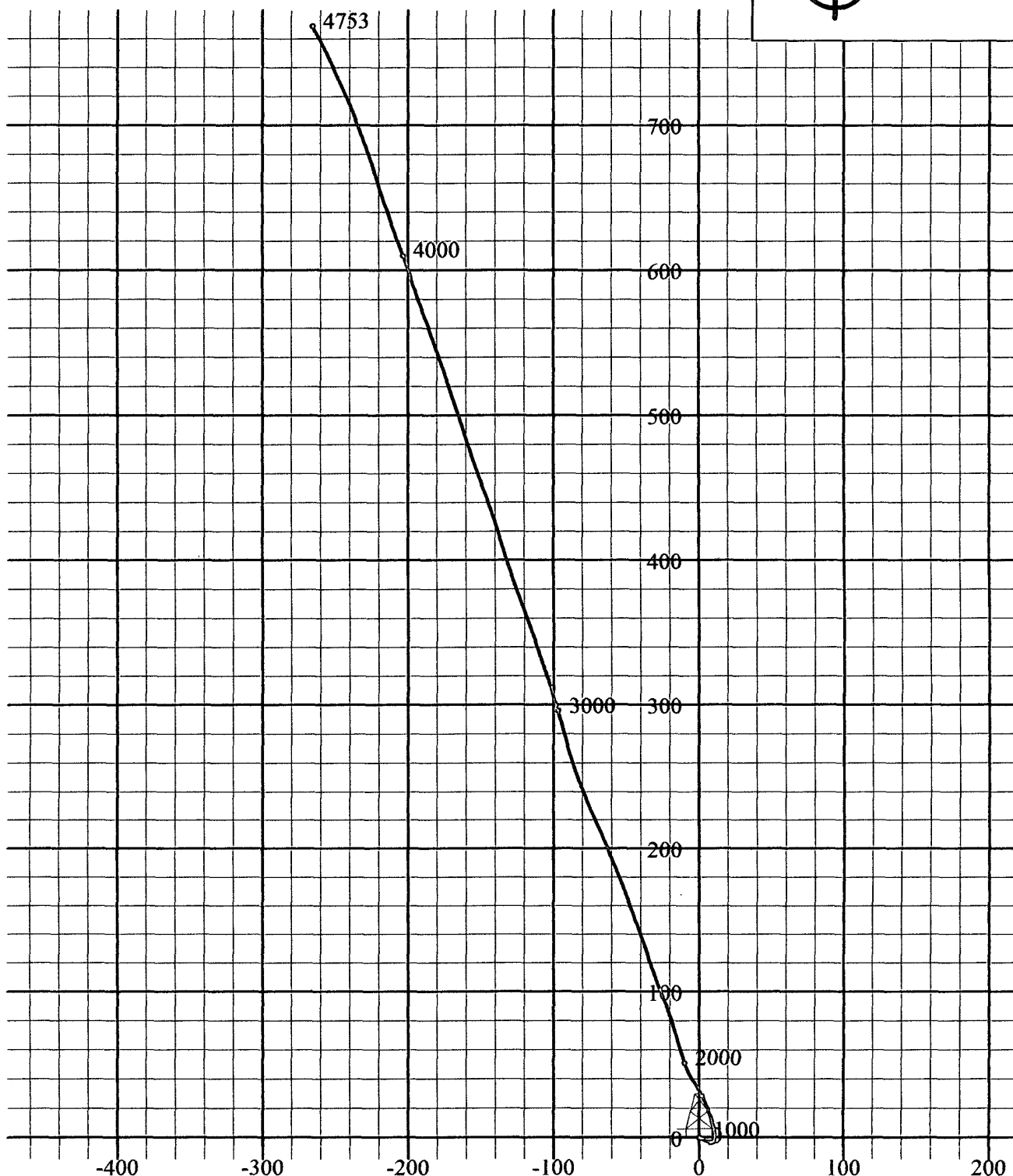


Scientific
Drilling

Field: Hughes
Site: Rio Arriba County, NM
Well: Hughes #10M
Wellpath: DH - Job #33D0309047
Survey: 03/04/09-03/08/09



South(-)/North(+) [100ft/in]



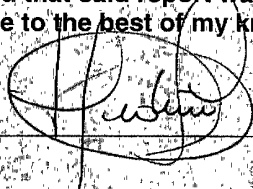
West(-)/East(+) [100ft/in]

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName HUGHES #10M	API / UWI 3004534783	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 003-027N-009W-F	N/S Dist (ft) 1,500.00	N/S Ref FNL	E/W Dist (ft) 1,500.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/6/2009	804.00	0.78	Incl	Scientific Drilling
3/6/2009	866.00	0.75	Incl	Scientific Drilling
3/6/2009	929.00	0.79	Incl	Scientific Drilling
3/6/2009	992.00	0.78	Incl	Scientific Drilling
3/6/2009	1,055.00	0.88	Incl	Scientific Drilling
3/6/2009	1,117.00	0.74	Incl	Scientific Drilling
3/6/2009	1,180.00	0.77	Incl	Scientific Drilling
3/6/2009	1,243.00	1.46	Incl	Scientific Drilling
3/6/2009	1,306.00	1.79	Incl	Scientific Drilling
3/6/2009	1,368.00	3.06	Incl	Scientific Drilling
3/6/2009	1,431.00	3.80	Incl	Scientific Drilling
3/6/2009	1,494.00	4.86	Incl	Scientific Drilling
3/6/2009	1,556.00	5.27	Incl	Scientific Drilling
3/6/2009	1,619.00	5.08	Incl	Scientific Drilling
3/6/2009	1,681.00	5.08	Incl	Scientific Drilling
3/6/2009	1,744.00	5.23	Incl	Scientific Drilling
3/6/2009	1,806.00	5.23	Incl	Scientific Drilling
3/6/2009	1,869.00	5.05	Incl	Scientific Drilling
3/6/2009	1,931.00	4.93	Incl	Scientific Drilling
3/6/2009	1,994.00	4.58	Incl	Scientific Drilling
3/6/2009	2,056.00	4.62	Incl	Scientific Drilling
3/6/2009	2,119.00	5.90	Incl	Scientific Drilling
3/6/2009	2,182.00	7.31	Incl	Scientific Drilling
3/6/2009	2,243.00	8.65	Incl	Scientific Drilling
3/6/2009	2,306.00	10.02	Incl	Scientific Drilling
3/6/2009	2,369.00	11.27	Incl	Scientific Drilling
3/6/2009	2,431.00	13.14	Incl	Scientific Drilling
3/6/2009	2,494.00	14.91	Incl	Scientific Drilling
3/7/2009	2,557.00	16.56	Incl	Scientific Drilling
3/7/2009	2,619.00	18.22	Incl	Scientific Drilling
3/7/2009	2,745.00	21.02	Incl	Scientific Drilling
3/7/2009	2,807.00	21.32	Incl	Scientific Drilling
3/7/2009	2,870.00	21.14	Incl	Scientific Drilling
3/7/2009	2,932.00	20.70	Incl	Scientific Drilling
3/7/2009	2,995.00	20.67	Incl	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.



RCVD JUN 25 '09

OIL CONS. DIV.

DIST. 3

Subscribed and sworn to me this 6-24-09

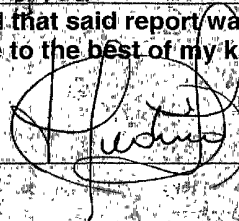
Notary Public in and for San Juan County, New Mexico

My Commission expires 10-9-12

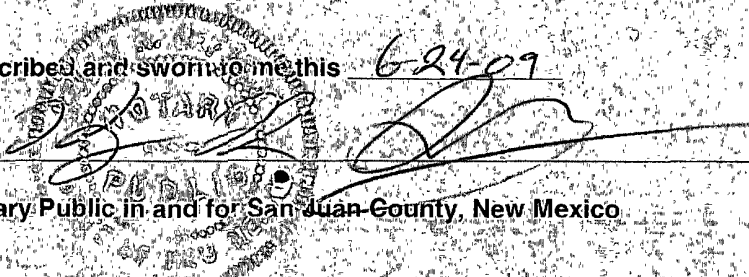
Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/7/2009	3,058.00	21.14	Incl	Scientific Drilling
3/7/2009	3,121.00	21.10	Incl	Scientific Drilling
3/7/2009	3,183.00	18.60	Incl	Scientific Drilling
3/7/2009	3,246.00	16.93	Incl	Scientific Drilling
3/7/2009	3,309.00	16.88	Incl	Scientific Drilling
3/7/2009	3,371.00	17.47	Incl	Scientific Drilling
3/7/2009	3,433.00	18.11	Incl	Scientific Drilling
3/7/2009	3,496.00	18.01	Incl	Scientific Drilling
3/7/2009	3,558.00	17.84	Incl	Scientific Drilling
3/7/2009	3,621.00	18.61	Incl	Scientific Drilling
3/7/2009	3,684.00	17.81	Incl	Scientific Drilling
3/7/2009	3,746.00	18.21	Incl	Scientific Drilling
3/7/2009	3,809.00	19.07	Incl	Scientific Drilling
3/7/2009	3,871.00	18.39	Incl	Scientific Drilling
3/7/2009	3,934.00	18.11	Incl	Scientific Drilling
3/7/2009	3,997.00	19.00	Incl	Scientific Drilling
3/7/2009	4,060.00	18.49	Incl	Scientific Drilling
3/7/2009	4,122.00	18.23	Incl	Scientific Drilling
3/8/2009	4,248.00	18.25	Incl	Scientific Drilling
3/8/2009	4,310.00	18.00	Incl	Scientific Drilling
3/8/2009	4,374.00	16.55	Incl	Scientific Drilling
3/8/2009	4,436.00	15.00	Incl	Scientific Drilling
3/8/2009	4,499.00	13.24	Incl	Scientific Drilling
3/8/2009	4,561.00	10.75	Incl	Scientific Drilling
3/8/2009	4,625.00	9.56	Incl	Scientific Drilling
3/8/2009	4,687.00	7.77	Incl	Scientific Drilling
3/8/2009	4,751.00	6.48	Incl	Scientific Drilling
3/8/2009	4,814.00	5.48	Incl	Scientific Drilling
3/8/2009	4,870.00	2.88	Incl	Scientific Drilling
3/19/2009	7,597.00	1.00	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.



Subscribed and sworn to me this 6-24-09



Notary Public in and for San Juan County, New Mexico

My Commission expires 10-9-12