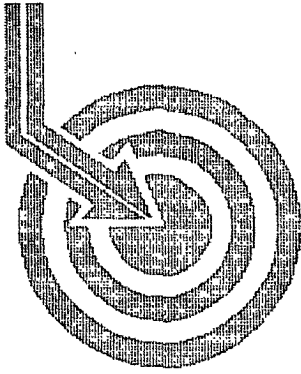




Scientific Drilling

30-039-30243

CONOCOPHILLIPS

H
12-26-07

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-7 #239M
Wellpath: DH - Job #33D0907868
Survey: 09/28/07-10/01/07

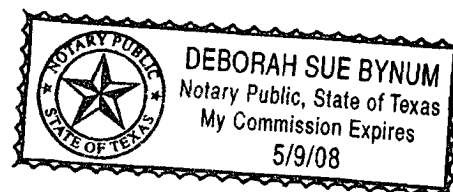
Surface 1440/S 1120/W
BHL 1486/S 2143/W
Md 8052
TVL 7843

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

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

Notorized this date 3rd of October, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 10/02/2007	Time: 17:05:58	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM	Grid North:
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: San Juan 28-7.#239M	Section (VS) Reference:	Well: (0.00N,0.00E,88.18Azi)	
Wellpath: DH - Job #33D0907868	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 09/28/07-10/01/07	Start Date: 09/28/2007
E-field: 0'-3888'	
Company: Scientific Drilling Internatio	Engineer: Vestal/Gillespie/Geiser/Lockar
Tool: E-field;E-field MWD	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
448.00	0.82	63.26	447.98	2.91	1.44	2.86	0.18	3.21	63.26
509.00	1.45	63.26	508.97	4.00	1.99	3.94	1.03	4.41	63.26
570.00	3.39	85.79	569.92	6.51	2.47	6.43	3.48	6.89	69.02
661.00	5.44	91.19	660.64	13.50	2.57	13.43	2.30	13.67	79.15
722.00	7.49	88.75	721.25	20.37	2.60	20.29	3.39	20.46	82.70
783.00	9.25	89.82	781.60	29.24	2.70	29.17	2.90	29.30	84.71
847.00	10.45	91.56	844.65	40.18	2.56	40.12	1.93	40.20	86.35
910.00	12.10	91.70	906.44	52.47	2.21	52.43	2.62	52.48	87.59
970.00	14.15	91.38	964.87	66.07	1.85	66.05	3.42	66.07	88.40
1032.00	15.71	88.78	1024.77	82.04	1.84	82.02	2.74	82.04	88.71
1096.00	17.49	87.23	1086.10	100.32	2.49	100.29	2.87	100.32	88.58
1160.00	19.32	86.89	1146.83	120.52	3.53	120.47	2.86	120.52	88.32
1222.00	21.26	88.07	1204.98	142.01	4.47	141.94	3.20	142.01	88.20
1286.00	23.51	87.85	1264.15	166.39	5.34	166.30	3.52	166.39	88.16
1349.00	24.14	88.23	1321.78	191.83	6.20	191.73	1.03	191.83	88.15
1412.00	23.24	87.57	1379.47	217.15	7.13	217.03	1.49	217.15	88.12
1475.00	23.59	87.99	1437.28	242.18	8.10	242.05	0.62	242.18	88.08
1539.00	24.78	88.41	1495.66	268.40	8.92	268.25	1.88	268.40	88.10
1602.00	26.32	88.73	1552.50	295.57	9.60	295.41	2.45	295.57	88.14
1663.00	26.01	88.56	1607.25	322.47	10.23	322.31	0.52	322.47	88.18
1726.00	26.57	87.93	1663.73	350.37	11.09	350.20	0.99	350.37	88.19
1788.00	25.65	87.75	1719.41	377.66	12.12	377.46	1.49	377.66	88.16
1850.00	26.03	88.07	1775.21	404.68	13.10	404.47	0.65	404.68	88.14
1913.00	26.12	88.12	1831.80	432.37	14.02	432.14	0.15	432.37	88.14
1977.00	26.35	88.21	1889.20	460.66	14.93	460.42	0.36	460.66	88.14
2038.00	25.29	88.07	1944.11	487.23	15.79	486.97	1.74	487.23	88.14
2102.00	25.21	88.79	2002.00	514.53	16.54	514.26	0.50	514.53	88.16
2165.00	25.35	88.20	2058.96	541.43	17.24	541.16	0.46	541.43	88.17
2228.00	26.15	87.95	2115.71	568.80	18.16	568.51	1.28	568.80	88.17
2291.00	25.23	87.69	2172.48	596.11	19.20	595.80	1.47	596.11	88.15
2356.00	25.08	88.33	2231.32	623.74	20.16	623.41	0.48	623.74	88.15
2418.00	25.73	88.46	2287.32	650.34	20.91	650.00	1.05	650.34	88.16
2482.00	26.47	89.36	2344.79	678.49	21.44	678.15	1.31	678.49	88.19
2545.00	26.37	89.28	2401.21	706.52	21.77	706.18	0.17	706.52	88.23
2608.00	26.28	88.93	2457.68	734.45	22.21	734.12	0.28	734.45	88.27
2671.00	25.86	88.88	2514.27	762.14	22.74	761.80	0.67	762.14	88.29
2733.00	26.49	89.34	2569.91	789.48	23.16	789.14	1.07	789.48	88.32
2796.00	25.53	88.73	2626.53	817.11	23.62	816.77	1.58	817.11	88.34
2859.00	25.06	88.12	2683.49	844.02	24.36	843.67	0.85	844.03	88.35
2922.00	24.18	87.19	2740.76	870.27	25.43	869.90	1.53	870.27	88.33
2984.00	22.76	87.02	2797.63	894.95	26.68	894.56	2.29	894.96	88.29
3047.00	20.58	86.33	2856.18	918.21	28.02	917.78	3.48	918.21	88.25
3111.00	18.41	85.68	2916.50	939.55	29.50	939.09	3.41	939.55	88.20
3171.00	17.04	85.57	2973.65	957.80	30.90	957.30	2.28	957.80	88.15
3232.00	15.73	84.56	3032.17	974.98	32.37	974.44	2.20	974.98	88.10
3296.00	14.37	83.76	3093.98	991.56	34.06	990.97	2.15	991.56	88.03
3360.00	13.02	82.84	3156.16	1006.65	35.82	1006.02	2.14	1006.66	87.96
3420.00	11.01	80.47	3214.84	1019.06	37.61	1018.38	3.45	1019.08	87.89

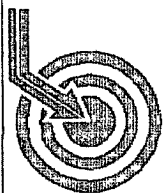


Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS Date: 10/02/2007 Time: 17:05:58 Page: 2
Field: San Juan Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North:
Site: Rio Arriba County, NM Vertical (TVD) Reference: SITE 0.0
Well: San Juan 28-7.#239M Section (VS) Reference: Well (0.00N,0.00E,88.18Azi)
Wellpath: DH - Job #33D0907868 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
3481.00	9.80	82.83	3274.84	1030.00	39.22	1029.28	2.10	1030.02	87.82
3545.00	8.49	82.41	3338.02	1040.13	40.52	1039.36	2.05	1040.15	87.77
3609.00	8.00	83.34	3401.36	1049.27	41.67	1048.47	0.79	1049.30	87.72
3672.00	7.04	83.18	3463.82	1057.48	42.63	1056.66	1.52	1057.52	87.69
3736.00	5.39	77.90	3527.44	1064.35	43.73	1063.49	2.73	1064.39	87.65
3798.00	3.82	76.34	3589.24	1069.23	44.83	1068.35	2.54	1069.29	87.60
3862.00	2.80	69.88	3653.13	1072.80	45.87	1071.89	1.69	1072.87	87.55
3888.00	2.46	72.55	3679.10	1073.94	46.25	1073.02	1.39	1074.01	87.53



**Scientific
Drilling**

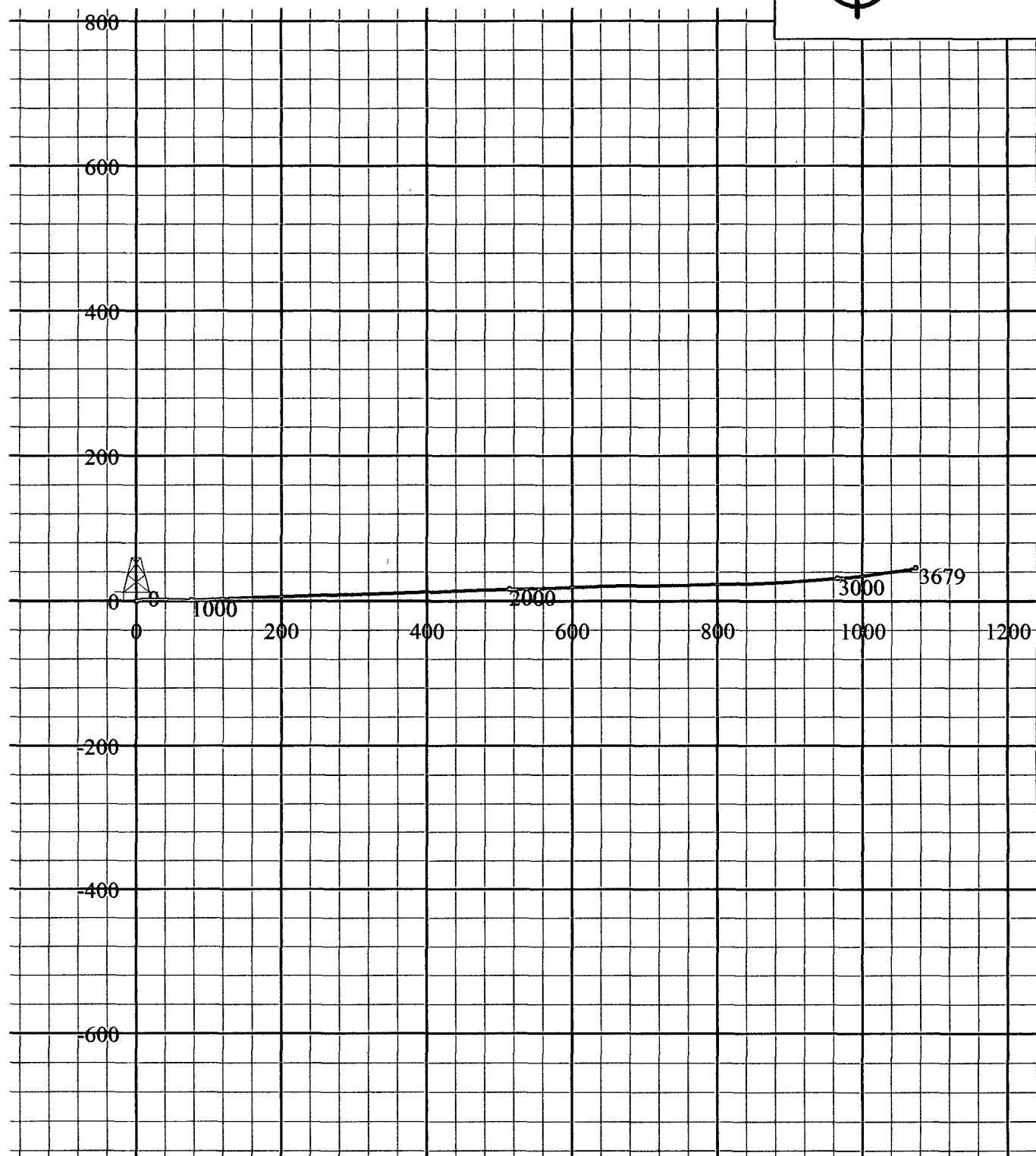
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-7 #239M
Wellpath: DH - Job #33D0907868
Survey: 09/28/07-10/01/07



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/02/2007
Model: igrf2000

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



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

COP Deviation Report
SAN JUAN 28-7 UNIT #239M

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/29/2007	2,482.00	26.47	MWD	Scientific Drilling
9/29/2007	2,545.00	26.37	MWD	Scientific Drilling
9/30/2007	2,608.00	26.28	MWD	Scientific Drilling
9/30/2007	2,671.00	25.86	MWD	Scientific Drilling
9/30/2007	2,733.00	26.49	MWD	Scientific Drilling
9/30/2007	2,796.00	25.53	MWD	Scientific Drilling
9/30/2007	2,859.00	25.06	MWD	Scientific Drilling
9/30/2007	2,922.00	24.18	MWD	Scientific Drilling
9/30/2007	2,984.00	22.76	MWD	Scientific Drilling
9/30/2007	3,047.00	20.58	MWD	Scientific Drilling
9/30/2007	3,111.00	18.41	MWD	Scientific Drilling
9/30/2007	3,171.00	17.04	MWD	Scientific Drilling
9/30/2007	3,232.00	15.73	MWD	Scientific Drilling
9/30/2007	3,296.00	14.37	MWD	Scientific Drilling
9/30/2007	3,360.00	13.02	MWD	Scientific Drilling
9/30/2007	3,420.00	11.01	MWD	Scientific Drilling
9/30/2007	3,481.00	9.80	MWD	Scientific Drilling
9/30/2007	3,545.00	8.49	MWD	Scientific Drilling
9/30/2007	3,609.00	8.00	MWD	Scientific Drilling
9/30/2007	3,672.00	7.04	MWD	Scientific Drilling
9/30/2007	3,736.00	5.39	MWD	Scientific Drilling
9/30/2007	3,798.00	3.82	MWD	Scientific Drilling
9/30/2007	3,862.00	2.80	MWD	Scientific Drilling
9/30/2007	3,888.00	2.46	MWD	Scientific Drilling
9/30/2007	3,945.00	1.71	MWD	Scientific Drilling
10/15/2007	8,052.00	0.75	FINAL BHS	PHOENIX

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

Abraham Gold

Subscribed and sworn to me this 12-21-07

Shonda S. Rogers

Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011

ConocoPhillips**COP Deviation Report
SAN JUAN 28-7 UNIT #239M**

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #239M	API / UWI 3003930243	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:17;TWN:028N;RNG:007W	N/S Dist (ft) 1,440.00	N/S Ref FSL	E/W Dist (ft) 1,120.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/29/2007			A1Sureshot	Mo-te Drig Inc.
7/11/2007	129.00	0.50	A1Sureshot	Mo-te Drig Inc.
7/11/2007	229.00	0.50	A1Sureshot	Mo-te Drig Inc.
7/11/2007	329.00	1.00	A1Sureshot	Mo-te Drig Inc.
9/29/2007	448.00	0.82	MWD	Scientific Drilling
9/29/2007	509.00	1.45	MWD	Scientific Drilling
9/29/2007	570.00	3.39	MWD	Scientific Drilling
9/29/2007	661.00	5.44	MWD	Scientific Drilling
9/29/2007	722.00	7.49	MWD	Scientific Drilling
9/29/2007	783.00	9.25	MWD	Scientific Drilling
9/29/2007	847.00	10.45	MWD	Scientific Drilling
9/29/2007	910.00	12.10	MWD	Scientific Drilling
9/29/2007	970.00	14.15	MWD	Scientific Drilling
9/29/2007	1,032.00	15.71	MWD	Scientific Drilling
9/29/2007	1,096.00	17.49	MWD	Scientific Drilling
9/29/2007	1,160.00	19.32	MWD	Scientific Drilling
9/29/2007	1,222.00	21.26	MWD	Scientific Drilling
9/29/2007	1,286.00	23.51	MWD	Scientific Drilling
9/29/2007	1,349.00	24.14	MWD	Scientific Drilling
9/29/2007	1,412.00	23.24	MWD	Scientific Drilling
9/29/2007	1,475.00	23.59	MWD	Scientific Drilling
9/29/2007	1,539.00	24.78	MWD	Scientific Drilling
9/29/2007	1,602.00	26.32	MWD	Scientific Drilling
9/29/2007	1,663.00	26.01	MWD	Scientific Drilling
9/29/2007	1,726.00	26.57	MWD	Scientific Drilling
9/29/2007	1,788.00	25.65	MWD	Scientific Drilling
9/29/2007	1,850.00	26.03	MWD	Scientific Drilling
9/29/2007	1,913.00	26.12	MWD	Scientific Drilling
9/29/2007	1,977.00	26.35	MWD	Scientific Drilling
9/29/2007	2,038.00	25.29	MWD	Scientific Drilling
9/29/2007	2,102.00	25.21	MWD	Scientific Drilling
9/29/2007	2,165.00	25.35	MWD	Scientific Drilling
9/29/2007	2,228.00	26.15	MWD	Scientific Drilling
9/29/2007	2,291.00	25.23	MWD	Scientific Drilling
9/29/2007	2,356.00	25.08	MWD	Scientific Drilling
9/29/2007	2,418.00	25.73	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 _____

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

Submit to appropriate District Office
State Lease - 1 Copy
Fee Lease - 2 Copies

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

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

As drilled Plat

APPENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number 30-039-	Well Code 72319/71599	Well Name Blanco Mesaverde / Basin Dakota
Property Code 31739	Property Name < NON STANDARD UNIT	Well Number 1500M
LAND No 217817	Operator Name CONOCO PHILLIPS COMPANY	Elevation 8725'

Surface Location

Well or Lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
L	17	28-N	7-W		1440'	SOUTH	1120'	WEST	RIO ARriba

Bottom Hole Location If Different From Surface

Well or Lot No.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
K	17	28-N	7-W		1486'	SOUTH	2193'	WEST	RIO ARriba

Dedicated Acres 320 acres W2	Acres or Units	Consolidation 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 undivided 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. Signature Tracey N. Monroe 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. Date of Survey Signature Professional Surveyor NEW MEXICO 1985	

17

2193'

1486'

1120'

1440'

1500M

Bottom Hole

Surface

SE-078417

LAT: 36.657910° N.
LONG: 107.602039° W
NAD 1983

LAT: 36.657941° N.
LONG: 107.602039° W
NAD 1983