

RCVD MAR 13 '08
OIL CONS. DIV.
DIST. 3

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30289		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT		*Well Number 220F
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6805

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
F	22	28N	7W		1590	NORTH	1845	WEST	RIO ARriba

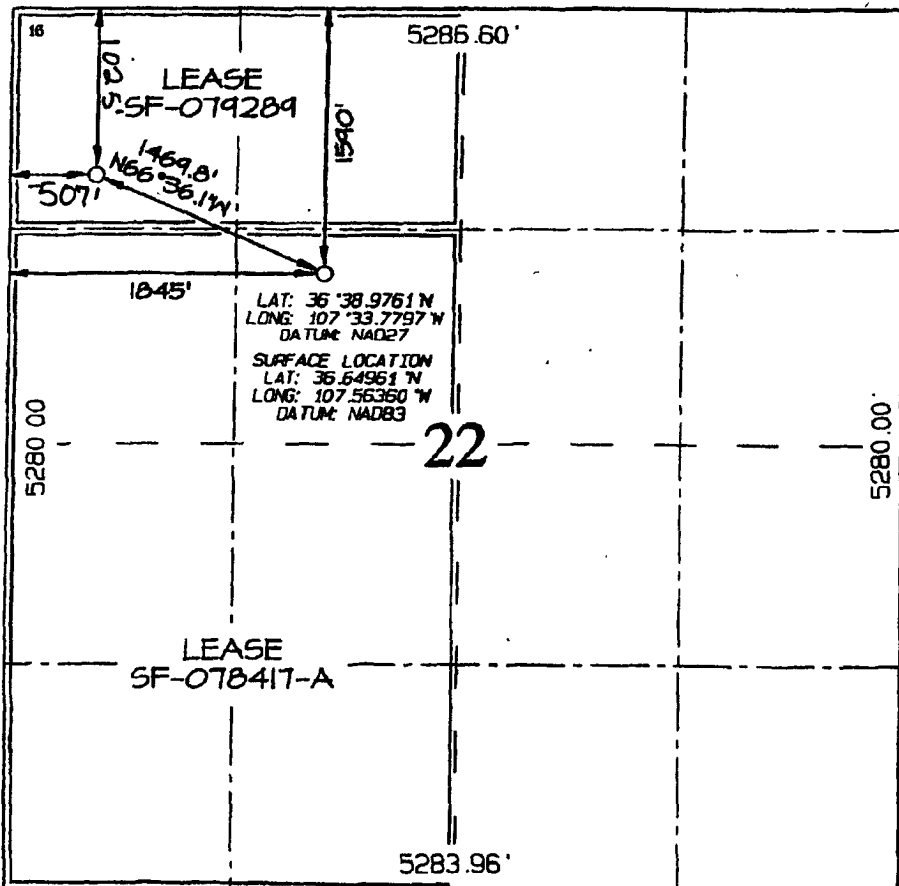
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
D	22	28N	7W		1025'	NORTH	507'	WEST	RIO ARriba

*Dedicated Acres	320.0 Acres - W/2 (MV)	*Joint or Infill		*Consolidation Code		*Order No.	
	320.0 Acres - W/2 (DK)						

BOTTOM-HOLE LOCATION
LAT: 36°39.0729' N
LONG: 107°34.0553' W
DATUM: NAD27

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. Signature: <u>Shonda Rogers</u> Date: <u>3-5-08</u> Printed Name: <u>Shonda Rogers</u>	
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: <u>12-1-07</u> Signature and Seal of Professional Surveyor: Certificate Number: <u>15269</u>	

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
11/18/2007	4,736.00	9.19	MWD	Scientific Drilling	
11/18/2007	4,800.00	8.11	MWD	Scientific Drilling	
11/18/2007	4,864.00	6.30	MWD	Scientific Drilling	
11/18/2007	4,928.00	4.49	MWD	Scientific Drilling	
11/18/2007	4,960.00	3.74	MWD	Scientific Drilling	
12/6/2007	8,007.00	1.00	FINAL BHS	PHOENIX	

RCVD MAR 13 '08

OIL CONS. DIV.

DIST. 3

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

Todd Padgett

Subscribed and sworn to me this 3-12-08

Tamara D. Lessor

Notary Public in and for San Juan County, New Mexico

My Commission expires 2-8-2012

COP Deviation Report

SAN JUAN 28-7 UNIT #220F

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/16/2007	2,254.00	24.43	MWD	Scientific Drilling
11/16/2007	2,318.00	24.80	MWD	Scientific Drilling
11/16/2007	2,381.00	23.59	MWD	Scientific Drilling
11/16/2007	2,445.00	23.92	MWD	Scientific Drilling
11/16/2007	2,509.00	24.06	MWD	Scientific Drilling
11/16/2007	2,573.00	24.52	MWD	Scientific Drilling
11/16/2007	2,636.00	24.63	MWD	Scientific Drilling
11/17/2007	2,700.00	24.77	MWD	Scientific Drilling
11/17/2007	2,764.00	24.35	MWD	Scientific Drilling
11/17/2007	2,828.00	24.03	MWD	Scientific Drilling
11/17/2007	2,892.00	23.88	MWD	Scientific Drilling
11/17/2007	2,955.00	22.85	MWD	Scientific Drilling
11/17/2007	3,018.00	22.61	MWD	Scientific Drilling
11/17/2007	3,081.00	22.61	MWD	Scientific Drilling
11/17/2007	3,144.00	22.65	MWD	Scientific Drilling
11/17/2007	3,206.00	21.98	MWD	Scientific Drilling
11/17/2007	3,269.00	21.70	MWD	Scientific Drilling
11/17/2007	3,333.00	22.11	MWD	Scientific Drilling
11/17/2007	3,396.00	22.65	MWD	Scientific Drilling
11/17/2007	3,460.00	21.92	MWD	Scientific Drilling
11/17/2007	3,524.00	20.74	MWD	Scientific Drilling
11/17/2007	3,588.00	21.95	MWD	Scientific Drilling
11/17/2007	3,651.00	21.07	MWD	Scientific Drilling
11/17/2007	3,715.00	22.35	MWD	Scientific Drilling
11/17/2007	3,779.00	23.39	MWD	Scientific Drilling
11/17/2007	3,843.00	23.26	MWD	Scientific Drilling
11/17/2007	3,907.00	22.74	MWD	Scientific Drilling
11/17/2007	3,971.00	21.23	MWD	Scientific Drilling
11/17/2007	4,034.00	20.39	MWD	Scientific Drilling
11/17/2007	4,098.00	20.03	MWD	Scientific Drilling
11/17/2007	4,162.00	18.20	MWD	Scientific Drilling
11/17/2007	4,226.00	18.14	MWD	Scientific Drilling
11/18/2007	4,290.00	17.54	MWD	Scientific Drilling
11/18/2007	4,353.00	17.06	MWD	Scientific Drilling
11/18/2007	4,417.00	16.47	MWD	Scientific Drilling
11/18/2007	4,481.00	15.48	MWD	Scientific Drilling
11/18/2007	4,545.00	14.02	MWD	Scientific Drilling
11/18/2007	4,609.00	12.26	MWD	Scientific Drilling
11/18/2007	4,672.00	10.34	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 _____

COP Deviation Report

ConocoPhillips

SAN JUAN 28-7 UNIT #220F

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #220F	API / UWI 3003930289	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:22;TWN:028N;RNG:007W	N/S Dist (ft) 1,590.00	N/S Ref FNL	E/W Dist (ft) 1,845.00	E/W Ref FWL

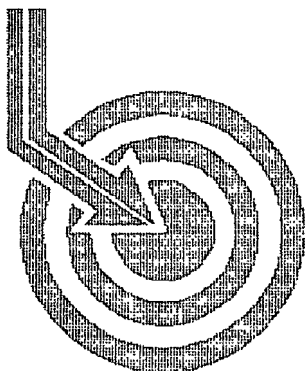
Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/15/2007			MWD	Scientific Drilling
9/27/2007	123.00	0.75	A1SureShot	Mo-Te Drilling Inc.
9/27/2007	223.00	2.00	A1SureShot	Mo-Te Drilling Inc.
9/28/2007	263.00	1.50	A1SureShot	Mo-Te Drilling Inc.
9/28/2007	303.00	1.25	A1SureShot	Mo-Te Drilling Inc.
9/28/2007	343.00	0.75	A1SureShot	Mo-Te Drilling Inc.
11/15/2007	365.00	0.67	MWD	Scientific Drilling
11/15/2007	426.00	1.28	MWD	Scientific Drilling
11/15/2007	487.00	2.95	MWD	Scientific Drilling
11/15/2007	547.00	4.32	MWD	Scientific Drilling
11/15/2007	607.00	6.04	MWD	Scientific Drilling
11/15/2007	669.00	7.68	MWD	Scientific Drilling
11/15/2007	731.00	9.31	MWD	Scientific Drilling
11/15/2007	794.00	10.26	MWD	Scientific Drilling
11/15/2007	856.00	11.58	MWD	Scientific Drilling
11/15/2007	918.00	12.84	MWD	Scientific Drilling
11/15/2007	981.00	13.97	MWD	Scientific Drilling
11/15/2007	1,043.00	15.12	MWD	Scientific Drilling
11/15/2007	1,107.00	16.09	MWD	Scientific Drilling
11/15/2007	1,170.00	16.52	MWD	Scientific Drilling
11/15/2007	1,234.00	18.07	MWD	Scientific Drilling
11/15/2007	1,298.00	18.70	MWD	Scientific Drilling
11/15/2007	1,362.00	19.20	MWD	Scientific Drilling
11/15/2007	1,426.00	19.88	MWD	Scientific Drilling
11/15/2007	1,490.00	20.46	MWD	Scientific Drilling
11/15/2007	1,552.00	21.32	MWD	Scientific Drilling
11/15/2007	1,616.00	22.27	MWD	Scientific Drilling
11/16/2007	1,680.00	23.24	MWD	Scientific Drilling
11/16/2007	1,743.00	24.62	MWD	Scientific Drilling
11/16/2007	1,807.00	24.03	MWD	Scientific Drilling
11/16/2007	1,871.00	24.59	MWD	Scientific Drilling
11/16/2007	1,935.00	23.80	MWD	Scientific Drilling
11/16/2007	1,999.00	24.12	MWD	Scientific Drilling
11/16/2007	2,062.00	24.96	MWD	Scientific Drilling
11/16/2007	2,126.00	24.87	MWD	Scientific Drilling
11/16/2007	2,190.00	24.21	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 _____



Scientific Drilling

RCVD MAR 13 '08

OIL CONS. DIV.

DIST. 3

CONOCOPHILLIPS

Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #220F
Wellpath: DH - Job #33D11071035
Survey: 11/14/07-11/19/07

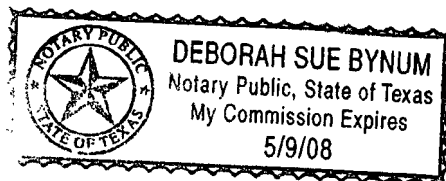
ST
3-2-08

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

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

Notorized this date 28th of December, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 12/28/2007	Time: 11:26:49	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #220F	Section (VS) Reference:	Well (0.00N,0.00E,293.55Azi)	
Wellpath: DH - Job #33D11071035	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 11/14/07-11/19/07	Start Date: 11/14/2007
E-field 0°-4960'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Gillespie/Lockard/Geiser
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
365.00	0.67	298.30	364.99	2.13	1.01	-1.88	0.18	2.13	298.30
426.00	1.26	293.89	425.98	3.15	1.45	-2.81	0.97	3.16	297.36
487.00	2.95	301.27	486.94	5.38	2.54	-4.76	2.80	5.40	298.07
547.00	4.32	296.40	546.82	9.17	4.35	-8.11	2.34	9.20	298.20
607.00	6.04	293.71	606.57	14.58	6.62	-13.02	2.89	14.61	296.95
669.00	7.68	289.75	668.12	21.98	9.33	-19.91	2.75	21.98	295.12
731.00	9.31	289.95	729.44	31.12	12.44	-28.52	2.63	31.12	293.57
794.00	10.26	289.11	791.53	41.80	16.02	-38.61	1.52	41.80	292.53
856.00	11.58	289.87	852.40	53.51	19.94	-49.68	2.14	53.53	291.87
918.00	12.84	290.01	913.00	66.60	24.41	-62.01	2.03	66.64	291.49
981.00	13.97	288.22	974.28	81.16	29.19	-75.81	1.91	81.23	291.06
1043.00	15.12	287.25	1034.29	96.65	33.92	-90.64	1.90	96.78	290.52
1107.00	16.09	291.04	1095.93	113.80	39.58	-106.89	2.20	113.98	290.32
1170.00	16.52	289.97	1156.40	131.47	45.78	-123.46	0.83	131.67	290.34
1234.00	18.07	292.29	1217.51	150.47	52.65	-141.19	2.65	150.69	290.45
1298.00	18.70	292.82	1278.24	170.65	60.39	-159.84	1.02	170.87	290.70
1362.00	19.20	293.62	1338.77	191.44	68.59	-178.93	0.88	191.63	290.97
1426.00	19.88	295.43	1399.08	212.84	77.48	-198.40	1.42	213.00	291.33
1490.00	20.46	293.84	1459.16	234.90	86.67	-218.46	1.25	235.03	291.64
1552.00	21.32	292.76	1517.08	257.00	95.41	-238.77	1.52	257.13	291.78
1616.00	22.27	291.71	1576.51	280.76	104.40	-260.76	1.60	280.89	291.82
1680.00	23.24	291.60	1635.53	305.50	113.54	-283.77	1.52	305.64	291.81
1743.00	24.62	294.13	1693.11	331.05	123.48	-307.31	2.73	331.19	291.89
1807.00	24.03	293.89	1751.43	357.41	134.20	-331.39	0.93	357.53	292.05
1871.00	24.59	294.31	1809.75	383.75	144.96	-355.44	0.92	383.86	292.19
1935.00	23.80	293.77	1868.13	409.98	155.65	-379.39	1.28	410.08	292.31
1998.00	24.12	294.60	1925.70	435.56	166.13	-402.73	0.74	435.65	292.42
2062.00	24.96	295.78	1983.92	462.13	177.45	-426.78	1.52	462.20	292.58
2126.00	24.87	295.85	2041.97	489.07	189.19	-451.05	0.15	489.12	292.76
2190.00	24.21	294.35	2100.19	515.64	200.47	-475.12	1.42	515.68	292.88
2254.00	24.43	293.62	2158.51	542.00	211.18	-499.20	0.58	542.03	292.93
2318.00	24.80	295.08	2216.69	568.65	222.17	-523.48	1.11	568.68	293.00
2381.00	23.59	294.87	2274.16	594.46	233.08	-546.89	1.93	594.48	293.08
2445.00	23.92	294.18	2332.73	620.24	243.78	-570.34	0.67	620.25	293.14
2509.00	24.06	293.66	2391.20	646.26	254.33	-594.13	0.40	646.27	293.17
2573.00	24.52	292.25	2449.54	672.58	264.59	-618.37	1.16	672.60	293.17
2636.00	24.63	291.26	2506.83	698.77	274.30	-642.70	0.68	698.79	293.11
2700.00	24.77	290.57	2564.98	725.48	283.85	-667.68	0.50	725.51	293.03
2764.00	24.35	291.05	2623.19	752.05	293.30	-692.55	0.73	752.10	292.95
2828.00	24.03	292.82	2681.57	778.27	303.09	-716.87	1.24	778.31	292.92
2892.00	23.88	294.70	2740.06	804.25	313.56	-740.65	1.22	804.29	292.95
2955.00	22.85	294.69	2797.89	829.23	324.00	-763.35	1.63	829.27	293.00
3018.00	22.61	294.68	2856.00	853.57	334.16	-785.47	0.38	853.60	293.05
3081.00	22.61	294.67	2914.15	877.78	344.27	-807.48	0.01	877.81	293.09
3144.00	22.65	294.29	2972.30	902.02	354.32	-829.54	0.24	902.04	293.13
3206.00	21.98	294.64	3029.66	925.56	364.07	-850.97	1.10	925.58	293.16
3269.00	21.70	292.96	3088.14	948.99	373.53	-872.41	1.09	949.01	293.18
3333.00	22.11	295.15	3147.52	972.86	383.26	-894.21	1.43	972.88	293.20



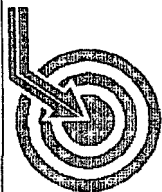
Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS
Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #220F
Wellpath: DH - Job #33D11071035

Date: 12/28/2007 Time: 11:26:49 Page: 2
Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,293.55Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

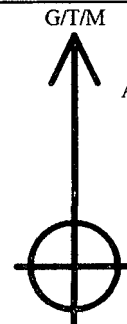
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3396.00	22.65	295.18	3205.77	996.84	393.46	-915.92	0.86	996.85	293.25
3460.00	21.92	296.16	3264.99	1021.09	403.97	-937.79	1.28	1021.10	293.30
3524.00	20.74	296.24	3324.61	1044.35	414.25	-958.68	1.84	1044.35	293.37
3588.00	21.95	295.62	3384.22	1067.62	424.43	-979.63	1.92	1067.62	293.42
3651.00	21.07	293.43	3442.83	1090.71	434.03	-1000.64	1.89	1090.72	293.45
3715.00	22.35	288.35	3502.29	1114.34	442.43	-1022.75	3.55	1114.34	293.39
3779.00	23.29	289.57	3561.28	1139.08	450.50	-1046.22	1.64	1139.09	293.30
3843.00	23.26	289.81	3620.08	1164.31	459.02	-1070.03	0.16	1164.33	293.22
3907.00	22.74	290.39	3678.99	1189.27	467.61	-1093.52	0.89	1189.30	293.15
3971.00	21.23	290.24	3738.33	1213.19	475.93	-1115.98	2.36	1213.23	293.10
4034.00	20.39	291.30	3797.22	1235.55	483.87	-1136.91	1.46	1235.59	293.05
4098.00	20.03	291.44	3857.28	1257.64	491.92	-1157.50	0.57	1257.69	293.02
4162.00	18.20	289.03	3917.75	1278.56	499.19	-1177.15	3.11	1278.62	292.98
4226.00	18.14	290.34	3978.56	1298.47	505.91	-1195.94	0.65	1298.55	292.93
4290.00	17.54	289.16	4039.48	1318.03	512.54	-1214.39	1.09	1318.12	292.88
4353.00	17.06	288.23	4099.63	1336.70	518.54	-1232.14	0.88	1336.81	292.82
4417.00	16.47	290.53	4160.91	1355.11	524.66	-1249.55	1.39	1355.23	292.78
4481.00	15.48	294.30	4222.44	1372.71	531.36	-1265.83	2.24	1372.84	292.77
4545.00	14.02	293.74	4284.33	1389.00	538.00	-1280.72	2.29	1389.13	292.79
4609.00	12.26	292.37	4346.65	1403.55	543.70	-1294.10	2.79	1403.67	292.79
4672.00	10.34	292.28	4408.43	1415.89	548.39	-1305.52	3.05	1416.02	292.79
4736.00	9.19	290.57	4471.50	1426.74	552.37	-1315.62	1.85	1426.87	292.78
4800.00	8.11	295.66	4534.77	1436.35	556.12	-1324.47	2.07	1436.48	292.78
4864.00	6.30	302.76	4598.27	1444.33	559.97	-1331.49	3.15	1444.45	292.81
4928.00	4.49	312.11	4661.98	1450.17	563.55	-1336.30	3.13	1450.28	292.87
4960.00	3.74	322.65	4693.90	1452.27	565.22	-1337.87	3.32	1452.37	292.90



**Scientific
Drilling**

Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #220F
Wellpath: DH - Job #33D11071035
Survey: 11/14/07-11/19/07



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/28/2007
Model: igrf2000

