

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. 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

RCVD MAR 25 '08
OIL CONS. DIV.

API Number 30-039-30339		Pool Code 71599 / 72319		Pool Name BASIN DAKOTA/BLANCO MESAVERDE		DIST. 3	
Property Code 31739		Property Name SAN JUAN 28-7 UNIT				Well Number 249G	
OGRID No. 217817		Operator Name CONOCOPHILLIPS COMPANY				Elevation 5947'	

10 Surface Location

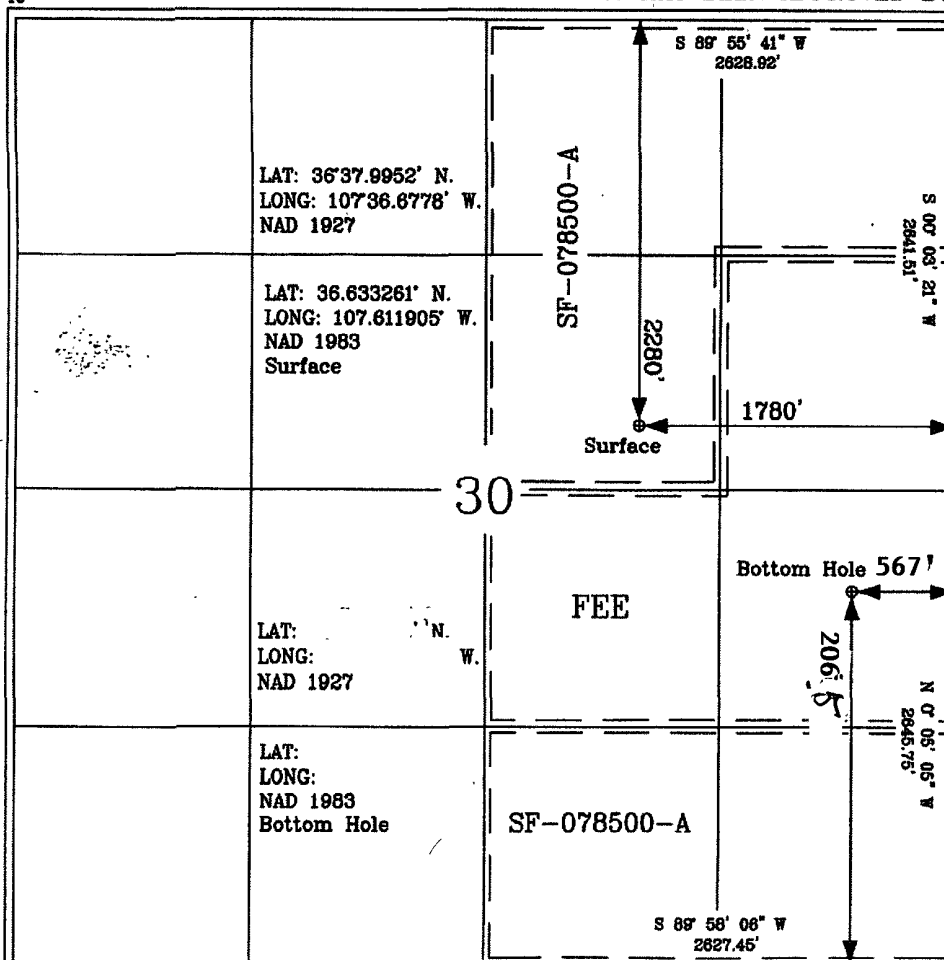
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	28-N	7-W		2280'	NORTH	1780'	EAST	RIO ARriba

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
05	30	28-N	7-W		2065	SOUTH	567'	EAST	RIO ARriba
Dedicated Acres 320.00			Joint or Infil.		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

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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 3/14/08
Signature Date

Tamra Sessions
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.

5-23-07
Date of Survey

Signature and Seal of Professional Surveyor:

15703
Certificate Number

COP Deviation Report
SAN JUAN 28-7 UNIT #249G

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
12/16/2007	3,160.00	23.80	MWD	H&B
12/16/2007	3,221.00	25.10	MWD	H&B
12/16/2007	3,284.00	26.00	MWD	H&B
12/16/2007	3,346.00	27.60	MWD	H&B
12/16/2007	3,411.00	27.90	MWD	H&B
12/16/2007	3,504.00	28.30	MWD	H&B
12/16/2007	3,567.00	25.50	MWD	H&B
12/16/2007	3,630.00	24.40	MWD	H&B
12/16/2007	3,693.00	24.80	MWD	H&B
12/16/2007	3,756.00	27.10	MWD	H&B
12/16/2007	3,818.00	27.70	MWD	H&B
12/16/2007	3,882.00	27.60	MWD	H&B
12/16/2007	3,914.00	28.10	MWD	H&B
12/16/2007	3,975.00	27.20	MWD	H&B
12/16/2007	4,071.00	24.20	MWD	H&B
12/16/2007	4,134.00	22.90	MWD	H&B
12/16/2007	4,198.00	20.40	MWD	H&B
12/16/2007	4,260.00	17.60	MWD	H&B
12/16/2007	4,321.00	14.90	MWD	H&B
12/16/2007	4,383.00	13.20	MWD	H&B
12/16/2007	4,447.00	11.20	MWD	H&B
12/16/2007	4,509.00	8.20	MWD	H&B
12/16/2007	4,572.00	6.40	MWD	H&B
12/16/2007	4,634.00	4.00	MWD	H&B
12/16/2007	4,698.00	1.90	MWD	H&B
12/16/2007	4,755.00	0.80	MWD	H&B
1/8/2008	7,219.00	1.00	Incl	PHOENIX SERVICES

RCVD MAR 25 '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.

Tom Dabrowski

Subscribed and sworn to me this 3-17-08

James D. Jensen

Notary Public in and for San Juan County, New Mexico

My Commission expires 2-8-2012

COP Deviation Report
SAN JUAN 28-7 UNIT #249G

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #249G	API / UWI 3003930339	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:30;TWN:028N;RNG:007W	N/S Dist (ft) 2,280.00	N/S Ref FNL	E/W Dist (ft) 1,780.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
12/16/2007	0.00	0.00	MWD	H&B
12/4/2007	115.00	1.00	DEVIATION	MO-TE
12/16/2007	260.00	1.50	MWD	H&B
12/16/2007	350.00	3.20	MWD	H&B
12/16/2007	442.00	4.10	MWD	H&B
12/16/2007	533.00	5.60	MWD	H&B
12/16/2007	625.00	6.90	MWD	H&B
12/16/2007	717.00	8.90	MWD	H&B
12/16/2007	809.00	10.40	MWD	H&B
12/16/2007	901.00	12.40	MWD	H&B
12/16/2007	993.00	14.70	MWD	H&B
12/16/2007	1,088.00	17.00	MWD	H&B
12/16/2007	1,180.00	19.80	MWD	H&B
12/16/2007	1,273.00	21.70	MWD	H&B
12/16/2007	1,366.00	23.90	MWD	H&B
12/16/2007	1,461.00	25.20	MWD	H&B
12/16/2007	1,555.00	27.00	MWD	H&B
12/16/2007	1,680.00	27.30	MWD	H&B
12/16/2007	1,773.00	25.60	MWD	H&B
12/16/2007	1,868.00	25.80	MWD	H&B
12/16/2007	1,960.00	26.20	MWD	H&B
12/16/2007	2,054.00	26.10	MWD	H&B
12/16/2007	2,149.00	25.40	MWD	H&B
12/16/2007	2,243.00	25.90	MWD	H&B
12/16/2007	2,307.00	26.60	MWD	H&B
12/16/2007	2,372.00	26.00	MWD	H&B
12/16/2007	2,435.00	26.10	MWD	H&B
12/16/2007	2,498.00	26.70	MWD	H&B
12/16/2007	2,562.00	25.40	MWD	H&B
12/16/2007	2,658.00	24.40	MWD	H&B
12/16/2007	2,753.00	26.00	MWD	H&B
12/16/2007	2,846.00	24.30	MWD	H&B
12/16/2007	2,907.00	23.30	MWD	H&B
12/16/2007	2,970.00	22.70	MWD	H&B
12/16/2007	3,033.00	22.00	MWD	H&B
12/16/2007	3,097.00	23.60	MWD	H&B

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 _____



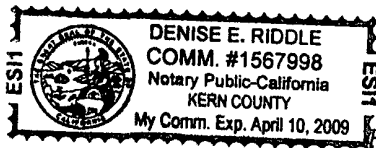
Job Number: NM07005
Company: CONOCOPHILLIPS
Lease/Well: SJ 28-7 # 249G
Location: SECTION 30
Rig Name: AZTEC #730
RKB: ☐
G.L. or M.S.L.: ☐

State/Country: NM
Declination: 10.24
Grid: ☐
File name: C:\WINSERVE\NM07005.SVY
Date/Time: 20-Dec-07 / 06:15
Curve Name: AS DRILLED

RCVD MAR 25 '08

OIL CONS. DIV.

DIST. 3



WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 127.70
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

LA 3-28-08

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
260.00	1.50	174.20	259.97	-3.39	.34	2.34	3.40	174.20	.58
350.00	3.20	158.40	349.89	-6.89	1.39	5.31	7.03	168.62	2.00
442.00	4.10	157.70	441.70	-12.32	3.58	10.37	12.83	163.80	.98
533.00	5.60	144.50	532.38	-18.95	7.39	17.44	20.34	158.68	2.04
625.00	6.90	137.70	623.83	-26.69	13.72	27.18	30.01	152.80	1.62
717.00	8.90	136.00	714.95	-35.90	22.38	39.66	42.31	148.06	2.19
809.00	10.40	129.80	805.65	-46.33	33.71	55.01	57.30	143.96	1.98
901.00	12.40	127.70	895.83	-57.69	47.91	73.18	74.99	140.29	2.22
993.00	14.70	127.30	985.27	-70.81	65.01	94.74	96.12	137.44	2.50
1088.00	17.00	125.80	1076.65	-86.24	85.86	120.67	121.69	135.12	2.46
1180.00	19.80	125.80	1163.94	-103.22	109.41	149.69	150.42	133.33	3.04
1273.00	21.70	123.40	1250.90	-121.90	136.55	182.59	183.04	131.76	2.24
1366.00	23.90	124.00	1336.63	-141.91	166.52	218.54	218.78	130.44	2.38
1461.00	25.20	124.50	1423.04	-164.12	199.15	257.93	258.06	129.49	1.39
1555.00	27.00	124.90	1507.45	-187.67	233.14	299.23	299.29	128.83	1.92
1680.00	27.30	124.50	1618.68	-220.14	280.04	356.19	356.20	128.17	.28
1773.00	25.60	123.70	1701.94	-243.37	314.33	397.53	397.53	127.75	1.87
1868.00	25.80	124.60	1787.54	-266.50	348.42	438.65	438.65	127.41	.46
1960.00	26.20	128.80	1870.24	-290.59	380.73	478.95	478.96	127.35	2.05
2054.00	26.10	129.10	1954.62	-316.63	412.95	520.37	520.37	127.48	.18
2149.00	25.40	128.80	2040.18	-342.58	445.05	561.63	561.63	127.59	.75
2243.00	25.90	128.70	2124.92	-368.05	476.78	602.31	602.31	127.67	.53
2307.00	26.60	128.50	2182.32	-385.71	498.90	630.62	630.62	127.71	1.10
2372.00	26.00	128.10	2240.59	-403.56	521.50	659.41	659.41	127.73	.96

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				FT	FT	FT	Distance FT	Direction Deg	
2435.00	26.10	128.30	2297.19	-420.67	543.25	687.08	687.08	127.75	.21
2498.00	26.70	128.70	2353.62	-438.11	565.17	715.09	715.09	127.78	.99
2562.00	25.40	128.50	2411.12	-455.64	587.13	743.19	743.19	127.81	2.04
2658.00	24.40	127.90	2498.19	-480.64	618.89	783.61	783.61	127.83	1.07
2753.00	26.00	127.90	2584.15	-505.49	650.81	824.05	824.06	127.84	1.68
2846.00	24.30	127.70	2668.33	-529.71	682.04	863.58	863.58	127.84	1.83
2907.00	23.30	126.20	2724.14	-544.51	701.70	888.19	888.19	127.81	1.92
2970.00	22.70	125.60	2782.13	-558.95	721.64	912.79	912.79	127.76	1.02
3033.00	22.00	125.80	2840.40	-572.93	741.10	936.73	936.73	127.71	1.12
3097.00	23.60	126.00	2899.40	-587.47	761.19	961.52	961.52	127.66	2.50
3160.00	23.80	125.90	2957.08	-602.34	781.68	986.83	986.83	127.62	.32
3221.00	25.10	126.80	3012.61	-617.31	802.02	1012.07	1012.07	127.59	2.22
3284.00	26.00	126.50	3069.45	-633.52	823.82	1039.24	1039.24	127.56	1.44
3346.00	27.60	126.20	3124.79	-650.09	846.33	1067.19	1067.19	127.53	2.59
3411.00	27.90	126.00	3182.31	-667.92	870.79	1097.44	1097.45	127.49	.48
3504.00	28.30	128.30	3264.35	-694.38	905.69	1141.23	1141.24	127.48	1.24
3567.00	25.50	126.70	3320.53	-711.74	928.29	1169.73	1169.74	127.48	4.59
3630.00	24.40	125.50	3377.65	-727.40	949.76	1196.29	1196.31	127.45	1.92
3693.00	24.80	126.60	3434.93	-742.84	970.96	1222.51	1222.52	127.42	.97
3756.00	27.10	128.80	3491.58	-759.71	992.75	1250.07	1250.08	127.43	3.96
3818.00	27.70	128.50	3546.62	-777.53	1015.03	1278.60	1278.61	127.45	.99
3882.00	27.60	128.80	3603.32	-796.08	1038.23	1308.29	1308.30	127.48	.27
3914.00	28.10	130.00	3631.61	-805.57	1049.78	1323.24	1323.24	127.50	2.35
3975.00	27.20	129.30	3685.64	-823.63	1071.57	1351.53	1351.53	127.55	1.57
4071.00	24.20	128.50	3772.14	-849.78	1103.96	1393.14	1393.15	127.59	3.15
4134.00	22.90	126.80	3829.89	-865.16	1123.88	1418.31	1418.31	127.59	2.33
4198.00	20.40	129.50	3889.37	-879.72	1142.46	1441.91	1441.92	127.60	4.20
4260.00	17.60	130.70	3947.99	-892.71	1157.91	1462.08	1462.08	127.63	4.56
4321.00	14.90	132.30	4006.54	-904.00	1170.70	1479.11	1479.11	127.67	4.49
4383.00	13.20	134.50	4066.69	-914.33	1181.65	1494.09	1494.09	127.73	2.87
4447.00	11.20	133.10	4129.24	-923.70	1191.40	1507.53	1507.53	127.79	3.16
4509.00	8.20	129.90	4190.35	-930.65	1199.19	1517.95	1517.95	127.81	4.91
4572.00	6.40	130.40	4252.83	-935.81	1205.31	1525.94	1525.95	127.83	2.86
4634.00	4.00	130.50	4314.57	-939.45	1209.59	1531.56	1531.56	127.84	3.87
4698.00	1.90	128.60	4378.49	-941.57	1212.11	1534.85	1534.85	127.84	3.28
4755.00	.80	122.50	4435.47	-942.37	1213.19	1536.19	1536.19	127.84	1.94
--Projection to Bit--									
4810.00	.00	120.00	4490.47	-942.58	1213.51	1536.57	1536.57	127.84	1.45