

DISTRICT I
1825 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

RCVD MAR 28 '08
☐ AMENDED REPORT
OIL CONS. DIV.
DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30335	*Pool Code 72319/71599	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT	*Well Number 195P
*OGRID No. 217817	*Operator Name CONOCO PHILLIPS COMPANY	*Elevation 6213'

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
0	9	28-N	7-W		945'	SOUTH	1840'	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
B	16	28-N	7-W		389'	NORTH	1905'	EAST	RIO ARriba
Dedicated Acres DK 320.00 ACRE E 1/2 MV 320.00 ACRE E 1/2		Joint or Infill		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

Surface LAT: 36°40.2823' N. LONG: 107°34.5353' W. NAD 1927 LAT: 36.671045' N. LONG: 107.576197' W. NAD 1983		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: <i>Shirley Rogers</i> Date: 3-27-08 Printed Name: <i>Shirley Rogers</i>
Bottom Hole LAT: 36°40.0382' N. LONG: 107°34.5494' W. NAD 1927 LAT: 36.667310' N. LONG: 107.576432' W. NAD 1983		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: 7-26-07 Signature and Seal of Professional Surveyor: <i>15703</i> Certificate Number: 15703

ConocoPhillips**COP Deviation Report****SAN JUAN 28-7 UNIT #195P**

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #195P	API / UWI 3003930335	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:09;TWN:028N;RNG 007W	N/S Dist (ft) 945.00	N/S Ref FSL	E/W Dist (ft) 1,840.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/30/2007	0 00	0.00	MWD	H&B
11/30/2007	291 00	2.00	MWD	H&B
11/30/2007	353 00	3.80	MWD	H&B
11/30/2007	444 00	5.60	MWD	H&B
11/30/2007	537 00	5 70	MWD	H&B
11/30/2007	629 00	7 20	MWD	H&B
11/30/2007	721 00	8 10	MWD	H&B
11/30/2007	814 00	9 50	MWD	H&B
11/30/2007	908 00	11.00	MWD	H&B
11/30/2007	1,001 00	13.10	MWD	H&B
11/30/2007	1,093 00	15.50	MWD	H&B
11/30/2007	1,187 00	16 90	MWD	H&B
11/30/2007	1,281 00	19.00	MWD	H&B
11/30/2007	1,377 00	19 90	MWD	H&B
11/30/2007	1,471 00	21.90	MWD	H&B
11/30/2007	1,563 00	22.90	MWD	H&B
11/30/2007	1,659 00	23 90	MWD	H&B
11/30/2007	1,753 00	23 00	MWD	H&B
12/1/2007	1,848 00	24 40	MWD	H&B
12/1/2007	1,941 00	24 30	MWD	H&B
12/1/2007	2,035 00	23 30	MWD	H&B
12/1/2007	2,130 00	23.60	MWD	H&B
12/1/2007	2,225 00	25.70	MWD	H&B
12/1/2007	2,320 00	24 90	MWD	H&B
12/1/2007	2,412 00	25 90	MWD	H&B
12/1/2007	2,506 00	25 50	MWD	H&B
12/1/2007	2,570 00	26 50	MWD	H&B
12/1/2007	2,632 00	26 50	MWD	H&B
12/1/2007	2,695 00	25.70	MWD	H&B
12/1/2007	2,758 00	26 00	MWD	H&B
12/1/2007	2,821 00	24 50	MWD	H&B
12/1/2007	2,884 00	22.90	MWD	H&B
12/1/2007	2,946 00	22.60	MWD	H&B
12/1/2007	3,041 00	22 90	MWD	H&B
12/1/2007	3,104 00	22.30	MWD	H&B
12/1/2007	3,168 00	22.10	MWD	H&B

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.

Paul Callaway

Subscribed and sworn to me this 3-27-08

Shank S. Rogers
Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011

**COP Deviation Report
SAN JUAN 28-7 UNIT #195P**

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
12/1/2007	3,231.00	21.00	MWD	H&B
12/1/2007	3,292.00	20.40	MWD	H&B
12/1/2007	3,354.00	20.70	MWD	H&B
12/1/2007	3,416.00	20.50	MWD	H&B
12/1/2007	3,480.00	20.30	MWD	H&B
12/1/2007	3,543.00	19.30	MWD	H&B
12/1/2007	3,606.00	18.60	MWD	H&B
12/1/2007	3,638.00	18.50	MWD	H&B
12/1/2007	3,669.00	18.90	MWD	H&B
12/1/2007	3,701.00	20.20	MWD	H&B
12/1/2007	3,733.00	21.30	MWD	H&B
12/1/2007	3,796.00	21.40	MWD	H&B
12/1/2007	3,859.00	22.20	MWD	H&B
12/1/2007	3,921.00	21.60	MWD	H&B
12/1/2007	3,983.00	19.50	MWD	H&B
12/2/2007	4,046.00	17.20	MWD	H&B
12/2/2007	4,109.00	15.00	MWD	H&B
12/2/2007	4,171.00	13.60	MWD	H&B
12/2/2007	4,224.00	11.70	MWD	H&B
12/2/2007	4,297.00	10.20	MWD	H&B
12/2/2007	4,361.00	8.80	MWD	H&B
12/2/2007	4,424.00	6.40	MWD	H&B
12/2/2007	4,455.00	5.10	MWD	H&B
12/2/2007	4,486.00	5.00	MWD	H&B
12/2/2007	4,549.00	2.80	MWD	H&B
12/2/2007	4,612.00	2.50	MWD	H&B
12/2/2007	4,665.00	2.50	MWD	H&B
12/2/2007	7,545.00	0.75	Incl	PHOENIX SERVICES - FINAL BOTTOM HOLE SURVEY

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

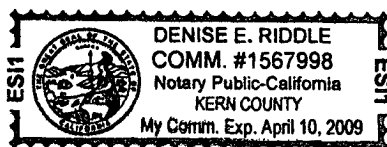
My Commission expires _____



Job Number: NM07004
 Company: CONOCOPHILLIPS
 Lease/Well: SJ 28-7 UNIT #195P
 Location: SECTION 9
 Rig Name: AZTEC 730
 RKB: ☐
 G.L. or M.S.L.: ☐

State/Country: NM/USA
 Declination: 10.23
 Grid: ☐
 File name: C:\WINSERVE\NM07004.SVY
 Date/Time: 03-Dec-07 / 17:58
 Curve Name: AS DRILLED

Scientific Drilling



WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 182.95
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
Distance FT	Direction Deg								
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
291.00	2.00	148.40	290.94	-4.33	2.66	4.18	5.08	148.40	.69
353.00	3.80	174.90	352.86	-7.29	3.41	7.11	8.05	154.94	3.55
444.00	5.60	183.50	443.55	-14.73	3.41	14.53	15.12	166.97	2.12
537.00	5.70	183.60	536.10	-23.87	2.84	23.69	24.04	173.21	.11
629.00	7.20	184.30	627.52	-34.18	2.12	34.02	34.24	176.45	1.63
721.00	8.10	181.70	718.70	-46.41	1.50	46.27	46.43	178.15	1.05
814.00	9.50	182.40	810.60	-60.62	.98	60.49	60.63	179.07	1.51
908.00	11.00	186.20	903.10	-77.29	-.31	77.20	77.29	180.23	1.75
1001.00	13.10	189.10	994.04	-96.52	-2.94	96.54	96.56	181.74	2.35
1093.00	15.50	190.40	1083.19	-118.91	-6.81	119.10	119.10	183.28	2.63
1187.00	16.90	189.00	1173.45	-144.76	-11.21	145.14	145.19	184.43	1.55
1281.00	19.00	188.60	1262.87	-173.39	-15.64	173.96	174.09	185.15	2.24
1377.00	19.90	184.90	1353.40	-205.12	-19.37	205.84	206.03	185.39	1.59
1471.00	21.90	183.50	1441.21	-238.56	-21.81	239.37	239.55	185.22	2.19
1563.00	22.90	181.50	1526.27	-273.58	-23.32	274.42	274.57	184.87	1.37
1659.00	23.90	180.30	1614.37	-311.70	-23.91	312.52	312.61	184.39	1.15
1753.00	23.00	181.10	1700.61	-349.10	-24.37	349.89	349.95	183.99	1.02
1848.00	24.40	182.40	1787.59	-387.27	-25.54	388.07	388.11	183.77	1.57
1941.00	24.30	182.20	1872.32	-425.58	-27.08	426.41	426.44	183.64	.14
2035.00	23.30	182.60	1958.32	-463.48	-28.67	464.34	464.37	183.54	1.08
2130.00	23.60	185.40	2045.48	-501.18	-31.31	502.13	502.16	183.57	1.21
2225.00	25.70	185.30	2131.82	-540.63	-35.00	541.71	541.76	183.70	2.21
2320.00	24.90	184.90	2217.71	-581.07	-38.61	582.28	582.35	183.80	.86
2412.00	25.90	185.10	2300.81	-620.38	-42.06	621.72	621.80	183.88	1.09

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
							Distance FT	Direction Deg	
2506.00	25.50	184.50	2385.51	-661.00	-45.47	662.46	662.56	183.93	.51
2570.00	26.50	184.10	2443.04	-688.97	-47.57	690.51	690.61	183.95	1.59
2632.00	26.50	183.70	2498.52	-716.57	-49.45	718.17	718.28	183.95	.29
2695.00	25.70	183.30	2555.10	-744.24	-51.14	745.88	745.99	183.93	1.30
2758.00	26.00	184.60	2611.79	-771.64	-53.04	773.35	773.46	183.93	1.02
2821.00	24.50	183.80	2668.77	-798.44	-55.01	800.21	800.33	183.94	2.44
2884.00	22.90	182.90	2726.46	-823.72	-56.50	825.53	825.65	183.92	2.60
2946.00	22.60	184.10	2783.63	-847.65	-57.96	849.51	849.63	183.91	.89
3041.00	22.90	184.90	2871.24	-884.27	-60.84	886.23	886.36	183.94	.45
3104.00	22.30	183.10	2929.41	-908.42	-62.54	910.43	910.57	183.94	1.45
3168.00	22.10	180.60	2988.66	-932.58	-63.32	934.61	934.73	183.88	1.51
3231.00	21.00	179.60	3047.26	-955.72	-63.37	957.72	957.82	183.79	1.84
3292.00	20.40	179.00	3104.32	-977.28	-63.10	979.24	979.32	183.69	1.04
3354.00	20.70	179.10	3162.38	-999.04	-62.74	1000.95	1001.01	183.59	.49
3416.00	20.50	180.20	3220.41	-1020.86	-62.61	1022.73	1022.78	183.51	.70
3480.00	20.30	181.00	3280.40	-1043.16	-62.84	1045.02	1045.05	183.45	.54
3543.00	19.30	182.00	3339.67	-1064.50	-63.40	1066.35	1066.38	183.41	1.68
3606.00	18.60	182.80	3399.26	-1084.94	-64.25	1086.81	1086.84	183.39	1.19
3638.00	18.50	182.10	3429.60	-1095.11	-64.68	1096.99	1097.02	183.38	.76
3669.00	18.90	182.40	3458.96	-1105.04	-65.08	1106.92	1106.95	183.37	1.33
3701.00	20.20	183.00	3489.11	-1115.73	-65.58	1117.63	1117.66	183.36	4.11
3733.00	21.30	182.90	3519.04	-1127.06	-66.16	1128.97	1129.00	183.36	3.44
3796.00	21.40	183.50	3577.71	-1149.96	-67.45	1151.90	1151.93	183.36	.38
3859.00	22.20	182.40	3636.21	-1173.32	-68.65	1175.30	1175.33	183.35	1.43
3921.00	21.60	181.60	3693.73	-1196.43	-69.45	1198.42	1198.45	183.32	1.08
3983.00	19.50	181.00	3751.79	-1218.19	-69.95	1220.17	1220.19	183.29	3.40
4046.00	17.20	180.10	3811.58	-1238.02	-70.15	1239.99	1240.00	183.24	3.68
4109.00	15.00	178.10	3872.10	-1255.48	-69.90	1257.42	1257.43	183.19	3.60
4171.00	13.60	177.00	3932.18	-1270.78	-69.25	1272.66	1272.67	183.12	2.30
4234.00	11.70	176.30	3993.65	-1284.56	-68.45	1286.38	1286.38	183.05	3.03
4297.00	10.20	174.20	4055.50	-1296.48	-67.48	1298.23	1298.23	182.98	2.46
4361.00	8.80	174.40	4118.62	-1306.99	-66.43	1308.68	1308.68	182.91	2.19
4424.00	6.40	177.40	4181.06	-1315.30	-65.80	1316.94	1316.94	182.86	3.86
4455.00	5.10	179.60	4211.91	-1318.40	-65.71	1320.03	1320.04	182.85	4.25
4486.00	5.00	180.40	4242.79	-1321.13	-65.71	1322.76	1322.76	182.85	.39
4549.00	2.80	195.60	4305.64	-1325.36	-66.14	1327.00	1327.01	182.86	3.83
4612.00	2.50	181.60	4368.57	-1328.21	-66.59	1329.88	1329.88	182.87	1.13
4665.00	2.50	161.50	4421.52	-1330.46	-66.26	1332.11	1332.11	182.85	1.65
Projected survey									
4820.00	.00	161.50	4576.47	-1333.67	-65.19	1335.26	1335.26	182.80	1.61
Projected survey									
7645.00	.00	.00	7401.47	-1333.67	-65.19	1335.26	1335.26	182.80	.00