

DISTRICT D
1301 East Grand Avenue, Arizola, 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
1000 Rio Grande Rd., Asilo, N.H. 67410

DISTRICT IV
1020 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 30320	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde / Basin Dakota	
*Property Code 31328	*Property Name SAN JUAN 31-6 UNIT		*Well Number 27M
*UGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6489'

¹⁰ Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	29	31-N	6-W		2175'	NORTH	455'	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
E	28	31-N	6-W		2525	NORTH	714	WEST	RIO ARriba
Dedicated Acres 108			Joint or Infill		Consolidation Code		Order No.		
320 acres W2							RCVD DEC 18 '08 OIL CONS. DIV.		

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

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 a working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the district.

Printed Name _____

1b 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 and Seal of Agricultural Engineer:

Certificate Number

15703



COP Deviation Report
SAN JUAN 31-6 UNIT #27M

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 31-6 UNIT #27M	API / UWI 3003930320	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 029-031N-006W-H		N/S Dist (ft) 2,175.00	N/S Ref FNL	E/W Dist (ft) 455.00 E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/19/2008	266.00	0.90	DEVIATION	H&B
9/19/2008	328.00	1.20	DEVIATION	H&B
9/19/2008	421.00	3.20	DEVIATION	H&B
9/19/2008	514.00	4.70	DEVIATION	H&B
9/19/2008	606.00	6.50	DEVIATION	H&B
9/19/2008	699.00	8.40	DEVIATION	H&B
9/19/2008	792.00	10.50	DEVIATION	H&B
9/19/2008	883.00	12.40	DEVIATION	H&B
9/19/2008	978.00	14.20	DEVIATION	H&B
9/19/2008	1,074.00	16.30	DEVIATION	H&B
9/19/2008	1,169.00	18.20	DEVIATION	H&B
9/19/2008	1,264.00	19.90	DEVIATION	H&B
9/19/2008	1,359.00	22.10	DEVIATION	H&B
9/19/2008	1,454.00	23.70	DEVIATION	H&B
9/19/2008	1,550.00	24.50	DEVIATION	H&B
9/19/2008	1,646.00	24.50	DEVIATION	H&B
9/19/2008	1,741.00	24.50	DEVIATION	H&B
9/19/2008	1,836.00	23.60	DEVIATION	H&B
9/19/2008	1,931.00	23.90	DEVIATION	H&B
9/19/2008	2,027.00	23.20	DEVIATION	H&B
9/19/2008	2,121.00	23.10	DEVIATION	H&B
9/19/2008	2,217.00	23.70	DEVIATION	H&B
9/19/2008	2,313.00	21.90	DEVIATION	H&B
9/19/2008	2,408.00	21.50	DEVIATION	H&B
9/19/2008	2,503.00	21.40	DEVIATION	H&B
9/20/2008	2,598.00	20.90	DEVIATION	H&B
9/20/2008	2,694.00	21.00	DEVIATION	H&B
9/20/2008	2,789.00	22.10	DEVIATION	H&B
9/20/2008	2,884.00	23.80	DEVIATION	H&B
9/20/2008	2,980.00	23.60	DEVIATION	H&B
9/20/2008	3,075.00	23.10	DEVIATION	H&B
9/20/2008	3,171.00	21.80	DEVIATION	H&B
9/20/2008	3,266.00	21.10	DEVIATION	H&B
9/20/2008	3,362.00	21.30	DEVIATION	H&B
9/20/2008	3,457.00	21.10	DEVIATION	H&B
9/21/2008	3,553.00	18.60	DEVIATION	H&B

RCVD DEC 18 '08
OIL CONS. DIV.
DIST. 2

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
SAN JUAN 31-6 UNIT #27M

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/21/2008	3,648.00	20.10	DEVIATION	H&B
9/21/2008	3,743.00	17.60	DEVIATION	H&B
9/21/2008	3,839.00	15.20	DEVIATION	H&B
9/21/2008	3,934.00	12.60	DEVIATION	H&B
9/21/2008	4,029.00	9.60	DEVIATION	H&B
9/21/2008	4,125.00	8.10	DEVIATION	H&B
9/21/2008	4,221.00	7.20	DEVIATION	H&B
9/22/2008	4,271.00	6.30	DEVIATION	H&B
9/22/2008	4,303.00	6.00	DEVIATION	H&B
9/22/2008	4,334.00	5.50	DEVIATION	H&B
9/22/2008	4,366.00	5.00	DEVIATION	H&B
9/22/2008	4,398.00	4.00	DEVIATION	H&B
9/22/2008	4,464.00	2.70	DEVIATION	Projected
10/7/2008	8,256.00	2.50	FINAL BHS	PHOENIX

I, the undersigned, certify that I acting in my capacity as Dilling 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 12-12-08



Notary Public in and for San Juan County, New Mexico

My Commission expires 10-1-12

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

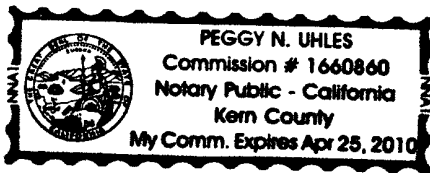
State of California

County of KERN }

RCVD DEC 18 '08
OIL CONS. DIV.
DIST. 3

On OCT 14, 2008 before me, PEGGY N. UHLES, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared SHELLEY SIEMENS
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Peggy N. Uhles
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

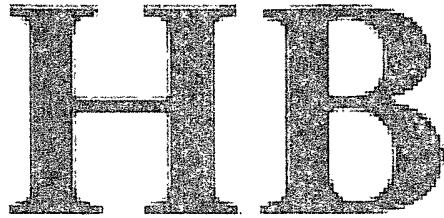
RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



Job Number: ☐
Company: ☐
Lease/Well: ☐
Location: ☐
Rig Name: ☐
RKB: ☐
G.L. or M.S.L.: ☐

State/Country: ☐
Declination: ☐
Grid: ☐
File name: C:\WINSERVE\NM08304.SVY
Date/Time: 22-Sep-08 / 00:01
Curve Name: AS DRILLED

Shelley, Shelley

Hathaway & Burnham Navigational

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane .00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

RCVD DEC 18 '08
OIL CONS. DIV.
DIST. 2

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
266.00	90	352.50	265.99	2.07	-.27	2.07	2.09	352.50	.34
328.00	1.20	35.90	327.98	3.08	.04	3.08	3.08	.83	1.33
421.00	3.20	78.50	420.91	4.39	3.16	4.39	5.41	35.77	2.64
514.00	4.70	89.30	513.69	4.95	9.51	4.95	10.72	62.51	1.79
606.00	6.50	98.00	605.25	4.27	18.44	4.27	18.93	76.96	2.16
699.00	8.40	103.90	697.46	1.91	30.25	1.91	30.31	86.39	2.20
792.00	10.50	108.90	789.19	-2.47	44.86	-2.47	44.93	93.15	2.42
883.00	12.40	113.10	878.38	-8.99	61.69	-8.99	62.35	98.29	2.28
978.00	14.20	118.30	970.83	-18.52	81.34	-18.52	83.42	102.83	2.27

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	
1074.00	16.30	121.20	1063.45	-31.08	103.23	-31.08	107.81	106.76	2.33
1169.00	18.20	119.80	1154.17	-45.36	127.51	-45.36	135.34	109.58	2.05
1264.00	19.90	115.50	1243.97	-59.70	154.98	-59.70	166.08	111.07	2.32
1359.00	22.10	110.00	1332.66	-72.77	186.38	-72.77	200.08	111.33	3.11
1454.00	23.70	105.60	1420.18	-84.02	221.56	-84.02	236.96	110.77	2.47
1550.00	24.50	105.30	1507.81	-94.46	259.35	-94.46	276.01	110.01	.84
1646.00	24.50	106.40	1595.17	-105.33	297.64	-105.33	315.73	109.49	.48
1741.00	24.50	107.40	1681.61	-116.79	335.33	-116.79	355.09	109.20	.44
1836.00	23.60	103.90	1768.37	-127.24	372.59	-127.24	393.72	108.86	1.77
1931.00	23.90	104.80	1855.33	-136.73	409.66	-136.73	431.87	108.46	.50
2027.00	23.20	103.00	1943.33	-145.95	446.89	-145.95	470.12	108.09	1.05
2121.00	23.10	103.30	2029.76	-154.36	482.87	-154.36	506.94	107.73	.16
2217.00	23.70	104.30	2117.87	-163.46	519.89	-163.46	544.98	107.45	.75
2313.00	21.90	101.90	2206.36	-171.91	556.11	-171.91	582.08	107.18	2.11
2408.00	21.50	103.00	2294.63	-179.48	590.41	-179.48	617.09	106.91	.60
2503.00	21.40	104.00	2383.05	-187.59	624.19	-187.59	651.77	106.73	.40
2598.00	20.90	105.40	2471.65	-196.28	657.35	-196.28	686.03	106.63	.75
2694.00	21.00	104.40	2561.31	-205.11	690.52	-205.11	720.33	106.54	.39
2789.00	22.10	105.00	2649.66	-213.97	724.27	-213.97	755.21	106.46	1.18
2884.00	23.80	105.70	2737.14	-223.78	759.98	-223.78	792.25	106.41	1.81
2980.00	23.60	105.90	2825.04	-234.29	797.11	-234.29	830.83	106.38	.22
3075.00	23.10	104.70	2912.26	-244.23	833.43	-244.23	868.48	106.33	.73
3171.00	21.80	103.00	3000.99	-253.02	869.01	-253.02	905.10	106.23	1.51
3266.00	21.10	102.50	3089.41	-260.69	902.90	-260.69	939.78	106.10	.76
3362.00	21.30	106.90	3178.92	-269.49	936.45	-269.49	974.46	106.05	1.67
3457.00	21.10	109.20	3267.49	-280.13	969.11	-280.13	1008.79	106.12	.90
3553.00	18.60	106.60	3357.78	-290.19	1000.11	-290.19	1041.36	106.18	2.76
3648.00	20.10	107.10	3447.41	-299.32	1030.23	-299.32	1072.83	106.20	1.59
3743.00	17.60	107.90	3537.31	-308.54	1059.51	-308.54	1103.52	106.24	2.65
3839.00	15.20	108.90	3629.40	-317.08	1085.23	-317.08	1130.60	106.29	2.52

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	
3934.00	12.60	108.80	3721.61	-324.45	1106.82	-324.45	1153.40	106.34	2.74
4029.00	9.60	106.60	3814.82	-330.05	1124.23	-330.05	1171.67	106.36	3.19
4125.00	8.10	109.50	3909.67	-334.60	1138.27	-334.60	1186.43	106.38	1.63
4221.00	7.20	113.90	4004.82	-339.29	1150.15	-339.29	1199.15	106.44	1.12
4271.00	6.30	117.20	4054.47	-341.82	1155.45	-341.82	1204.95	106.48	1.96
4303.00	6.00	118.40	4086.29	-343.42	1158.49	-343.42	1208.32	106.51	1.02
4334.00	5.50	119.80	4117.13	-344.92	1161.20	-344.92	1211.35	106.54	1.68
4366.00	5.00	120.30	4149.00	-346.39	1163.74	-346.39	1214.19	106.58	1.57
4398.00	4.00	121.90	4180.90	-347.68	1165.89	-347.68	1216.63	106.61	3.15
Projection to bit									
4464.00	2.70	121.00	4246.78	-349.70	1169.17	-349.70	1220.35	106.65	1.97