

As Drilled Plat

RCVD OCT 2 '08
OIL CONS. DIV.
DIST. 3

DISTRICT I
1636 N. French Dr., Hobbs, N.M. 88240
DISTRICT II
1301 W. 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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30317	² Pool Code 71599/72319	³ Basin Name Basin Dakota/.Blanco Mesaverde
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	
⁶ OGRD No. 14538	⁷ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP.	⁸ Well Number 901 ⁹ Elevation 6619

¹⁰ Surface Location

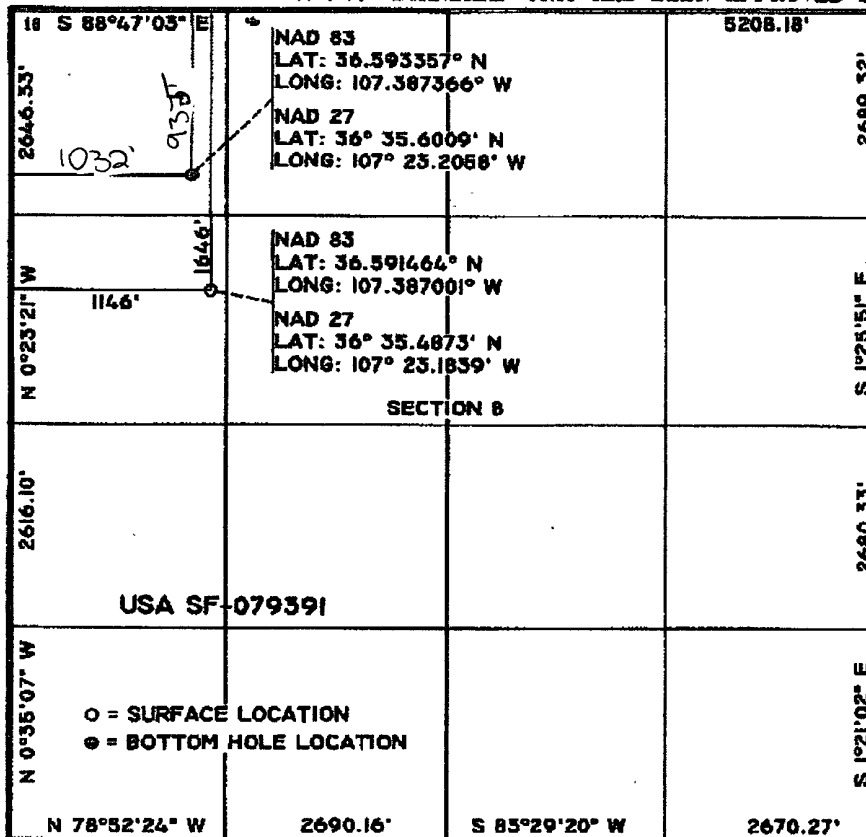
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	27 N	5 W		1646	NORTH	1146	WEST	RIO ARriba

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
D	8	27 N	5 W		938	NORTH	1032	WEST	RIO ARriba

¹² Dedicated Acres 320 W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 <i>Sasha Neumann</i>	Date 9/24/08
Printed Name SASHA NEUMANN	
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 5/17/07	
Signature and Seal of Professional Surveyor	
Certificate Number 17078	



COP Deviation Report
SAN JUAN 27-5 UNIT #901

Operator BURLINGTON RESOURCES OIL & GAS CO	Legal WellName SAN JUAN 27-5 UNIT #901	API / UWI 3003930317	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 008-027N-005W-E	N/S Dist (ft) 1,646.00	N/S Ref FNL	E/W Dist (ft) 1,146.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/27/2008	125.00	1.00	DEVIATION	MOTE
5/27/2008	230.00	1.00	DEVIATION	MOTE
6/6/2008	292.00	0.40	MWD	H&B
6/6/2008	809.00	0.00	MWD	H&B
6/6/2008	905.00	0.06	MWD	H&B
6/6/2008	1,000.00	2.30	MWD	H&B
6/7/2008	1,094.00	4.40	MWD	H&B
6/7/2008	1,189.00	7.30	MWD	H&B
6/7/2008	1,282.00	9.90	MWD	H&B
6/7/2008	1,377.00	12.70	MWD	H&B
6/7/2008	1,471.00	15.60	MWD	H&B
6/7/2008	1,564.00	18.20	MWD	H&B
6/7/2008	1,657.00	18.40	MWD	H&B
6/7/2008	1,750.00	19.70	MWD	H&B
6/7/2008	1,875.00	19.90	MWD	H&B
6/7/2008	1,969.00	19.80	MWD	H&B
6/7/2008	2,063.00	19.80	MWD	H&B
6/7/2008	2,155.00	18.90	MWD	H&B
6/7/2008	2,249.00	18.70	MWD	H&B
6/7/2008	2,342.00	17.40	MWD	H&B
6/7/2008	2,467.00	17.10	MWD	H&B
6/7/2008	2,593.00	18.40	MWD	H&B
6/7/2008	2,688.00	20.80	MWD	H&B
6/7/2008	2,782.00	20.10	MWD	H&B
6/8/2008	2,877.00	20.10	MWD	H&B
6/8/2008	2,970.00	20.80	MWD	H&B
6/8/2008	3,062.00	18.70	MWD	H&B
6/8/2008	3,188.00	15.60	MWD	H&B
6/8/2008	3,282.00	12.80	MWD	H&B
6/8/2008	3,377.00	11.60	MWD	H&B
6/8/2008	3,470.00	9.30	MWD	H&B
6/8/2008	3,564.00	7.70	MWD	H&B
6/11/2008	3,600.00	7.80	GYRO	GYRODATA
6/8/2008	3,657.00	5.70	MWD	H&B
6/8/2008	3,753.00	2.50	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.

Subscribed and sworn to me this 9/23/08

Notary Public in and for San Juan County, New Mexico

My Commission expires

March 24th 2012

**COP Deviation Report
SAN JUAN 27-5 UNIT #901**

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/11/2008	3,800.00	1.94	GYRO	GYRODATA
6/8/2008	3,803.00	0.80	MWD	H&B
6/8/2008	3,855.00	0.80	MWD	H&B
6/11/2008	4,000.00	0.56	GYRO	GYRODATA
6/11/2008	4,000.00	0.56	GYRO	GYRODATA
6/11/2008	4,200.00	0.58	GYRO	GYRODATA
6/11/2008	4,200.00	0.58	GYRO	GYRODATA
6/11/2008	4,400.00	0.37	GYRO	GYRODATA
6/11/2008	4,400.00	0.37	GYRO	GYRODATA
6/11/2008	4,600.00	0.35	GYRO	GYRODATA
6/11/2008	4,600.00	0.35	GYRO	GYRODATA
6/11/2008	4,800.00	0.33	GYRO	GYRODATA
6/11/2008	4,800.00	0.33	GYRO	GYRODATA
6/11/2008	5,000.00	0.25	GYRO	GYRODATA
6/11/2008	5,000.00	0.25	GYRO	GYRODATA
6/11/2008	5,200.00	0.12	GYRO	GYRODATA
6/11/2008	5,200.00	0.12	GYRO	GYRODATA
6/11/2008	5,400.00	0.14	GYRO	GYRODATA
6/11/2008	5,400.00	0.14	GYRO	GYRODATA
6/11/2008	5,600.00	0.20	GYRO	GYRODATA
6/11/2008	5,600.00	0.20	GYRO	GYRODATA
6/11/2008	5,800.00	0.23	GYRO	GYRODATA
6/11/2008	5,800.00	0.23	GYRO	GYRODATA
6/11/2008	6,000.00	0.35	GYRO	GYRODATA
6/11/2008	6,000.00	0.35	GYRO	GYRODATA
6/11/2008	6,200.00	0.56	GYRO	GYRODATA
6/11/2008	6,200.00	0.56	GYRO	GYRODATA
6/11/2008	6,400.00	0.61	GYRO	GYRODATA
6/11/2008	6,400.00	0.61	GYRO	GYRODATA
6/11/2008	6,600.00	0.91	GYRO	GYRODATA
6/11/2008	6,600.00	0.91	GYRO	GYRODATA
6/11/2008	6,800.00	0.56	GYRO	GYRODATA
6/11/2008	6,800.00	0.56	GYRO	GYRODATA
6/11/2008	7,000.00	0.57	GYRO	GYRODATA
6/11/2008	7,000.00	0.57	GYRO	GYRODATA
6/11/2008	7,200.00	0.76	GYRO	GYRODATA
6/11/2008	7,200.00	0.76	GYRO	GYRODATA
6/11/2008	7,400.00	0.81	GYRO	GYRODATA
6/11/2008	7,400.00	0.81	GYRO	GYRODATA

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.

Subscribed and sworn to me this

9/23/08

Sasha V. Spangler

Notary Public in and for San Juan County, New Mexico

My Commission expires

March 24th 2012



COP Deviation Report
SAN JUAN 27-5 UNIT #901

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/11/2008	7,600.00	1.31	GYRO	GYRODATA
6/11/2008	7,600.00	1.31	GYRO	GYRODATA
6/11/2008	7,800.00	1.58	GYRO	GYRODATA
6/11/2008	7,800.00	1.58	GYRO	GYRODATA
6/11/2008	7,921.00	1.42	GYRO	GYRODATA
6/11/2008	7,921.00	1.42	GYRO	GYRODATA

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.

Subscribed and sworn to me this 9/23/08

Sasha W. Spaulder
Notary Public in and for San Juan County, New Mexico

My Commission expires March 24th 2012



HATHAWAY BURNHAM
NAVIGATIONAL LLC

Job Number: NM-08201
Company: BURLINGTON RESOURCES
Lease/Well: SJ 27-5 UNIT 901
Location: SECTION 8
Rig Name: AWS # 184
RKB: 16
G.L. or M.S.L.:

State/Country: NEW MEXICO USA
Declination: 10.08
Grid: .26
File name: C:\WINSERVE\NM-08201.SVY
Date/Time: 09-Jun-08 / 09:27
Curve Name: AS DRILLED

AS DRILLED

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 351.17
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

RCVD OCT 2 '08
OIL CONS. DIV.
DIST. 3

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	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
292.00	.40	239.70	292.00	-.51	-.88	-.37	1.02	239.70	.14
809.00	.00	307.00	808.99	-1.42	-2.44	-1.03	2.82	239.70	.08
905.00	.06	283.00	904.99	-1.41	-2.49	-1.01	2.86	240.39	.06
1000.00	2.30	330.00	999.97	.25	-3.49	.78	3.50	274.08	2.38
1094.00	4.40	350.10	1093.80	5.44	-5.05	6.15	7.42	317.09	2.53
1189.00	7.30	355.80	1188.30	15.05	-6.12	15.81	16.24	337.86	3.11
1282.00	9.90	2.40	1280.25	28.93	-6.22	29.54	29.59	347.87	2.99
1377.00	12.70	359.20	1373.40	47.53	-6.02	47.90	47.91	352.78	3.02
1471.00	15.60	355.50	1464.54	70.47	-7.16	70.74	70.83	354.20	3.23
1564.00	18.20	351.70	1553.52	97.32	-10.24	97.73	97.85	353.99	3.04
1657.00	18.40	353.30	1641.82	126.26	-14.05	126.92	127.04	353.65	.58
1750.00	19.70	349.50	1729.72	156.26	-18.62	157.26	157.36	353.21	1.93

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	
1875.00	19.90	350.10	1847.33	197.93	-26.11	199.59	199.64	352.48	.23
1969.00	19.80	349.10	1935.75	229.32	-31.87	231.50	231.53	352.09	.38
2063.00	19.80	349.90	2024.19	260.63	-37.68	263.32	263.34	351.77	.29
2155.00	18.90	349.90	2110.99	290.64	-43.02	293.80	293.81	351.58	.98
2249.00	18.70	349.90	2199.98	320.46	-48.33	324.09	324.09	351.42	.21
2342.00	17.40	350.70	2288.40	348.87	-53.20	352.90	352.90	351.33	1.42
2467.00	17.10	351.40	2407.78	385.48	-58.96	389.96	389.96	351.30	.29
2593.00	18.40	352.40	2527.78	423.51	-64.36	428.37	428.37	351.36	1.06
2688.00	20.80	352.20	2617.27	455.09	-68.64	460.23	460.23	351.42	2.53
2782.00	20.10	352.00	2705.34	487.62	-73.15	493.07	493.07	351.47	.75
2877.00	20.10	351.50	2794.56	519.93	-77.84	525.71	525.72	351.49	.18
2970.00	20.80	352.10	2881.69	552.09	-82.47	558.20	558.21	351.50	.79
3062.00	18.70	350.80	2968.28	582.83	-87.07	589.29	589.30	351.50	2.33
3188.00	15.60	351.20	3088.66	619.52	-92.89	626.44	626.45	351.47	2.46
3282.00	12.80	349.30	3179.78	642.25	-96.76	649.49	649.50	351.43	3.02
3377.00	11.60	346.70	3272.63	661.88	-100.91	669.53	669.53	351.33	1.39
3470.00	9.30	344.70	3364.09	678.23	-105.05	686.32	686.32	351.20	2.50
3564.00	7.70	345.20	3457.05	691.65	-108.66	700.13	700.13	351.07	1.70
3657.00	5.70	343.20	3549.41	702.10	-111.59	710.90	710.91	350.97	2.16
3753.00	2.50	347.80	3645.15	708.71	-113.41	717.72	717.72	350.91	3.35
3803.00	.80	349.00	3695.13	710.12	-113.70	719.15	719.16	350.90	3.40
Projection to Bit									
3855.00	.80	349.00	3747.12	710.83	-113.84	719.88	719.89	350.90	.00

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

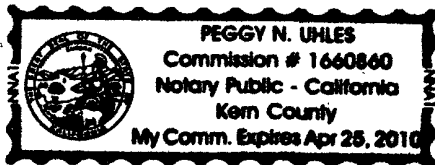
County of KERN

On JUNE 18, 2008 before me,

PEGGY N. UHLES, NOTARY PUBLIC
Here Insert Name and Title of the Officer

personally appeared

RICHELLE L. 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: _____

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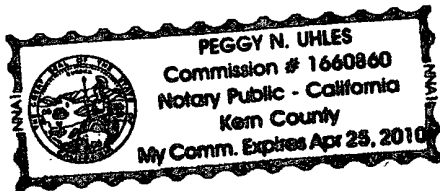
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of KERN

On JUNE 18, 2008 before me, PEGGY N. UHLES, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared RICHELLE L. 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

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

Signer Is Representing: _____

RIGHT THUMBPRINT
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Signer's Name: _____

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

Signer Is Representing: _____

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