

DISTRICT I
1625 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

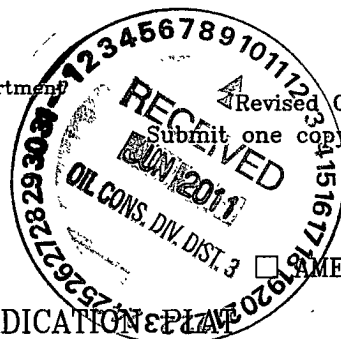
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

"AS DRILLED PLAT"

Form C-102

Revised October 15, 2009

Submit one copy to appropriate
District Office



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30993	² Pool Code 71599 / 72319	BASIN DAKOTA / MESA VERDE	³ Pool Name BLANCO
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT		⁶ Well Number 77N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6230

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
O	33	29 N	7 W		1138	SOUTH	1522	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
I	33	29 N	7 W		2035	SOUTH	531	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 (E/2) MV/DK	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

16 N 89°43'55" W 2632.23'	2637.00'	N 89°43'42" W 2637.02'	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>Dollie L. Busse</i> Date: 6/7/11 Printed Name: Dollie L. Busse
N 0°09'20" W			2629.66'
2640.22'	SECTION 33 USA SF-079514	531'	2627.62'
N 0°10'19" W	SURFACE LAT: 36.6782816° N LONG: 107.5725080° W NAD 83 LAT: 36°40.69647' N LONG: 107°34.31402' W NAD 27	1522'	2627.62'
N 89°20'32" W	2641.74'	S 89°33'03" W 2636.29'	2627.62'

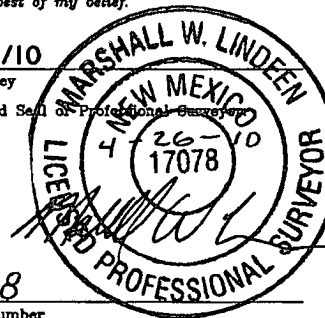
18 SURVEYOR CERTIFICATION

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.

04/14/10

Date of Survey

Signature and Seal of Professional Surveyor



17078
Certificate Number

Legal WellName : SAN JUAN 29-7 UNIT #77N	API / UWI: 3003930993
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 033-029N-007W-O
St/Prov: NEW MEXICO	N/S Dist (ft): 1,138.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 1,522.00 - FEL

Wellbore Name : Original Hole				
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Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	04/12/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/12/2011	130.00	.75	.00	Inc-WL	MOTE
04/12/2011	239.00	.50	.00	Inc-WL	MOTE

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	04/19/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/19/2011	251.00	.36	139.85	IncAzi-MWD	Scientific Drilling
04/19/2011	312.00	1.01	82.15	IncAzi-MWD	Scientific Drilling
04/19/2011	374.00	2.21	47.31	IncAzi-MWD	Scientific Drilling
04/19/2011	435.00	3.83	39.86	IncAzi-MWD	Scientific Drilling
04/19/2011	496.00	5.81	45.25	IncAzi-MWD	Scientific Drilling
04/19/2011	558.00	7.77	51.62	IncAzi-MWD	Scientific Drilling
04/19/2011	619.00	9.51	51.19	IncAzi-MWD	Scientific Drilling
04/19/2011	681.00	11.27	49.43	IncAzi-MWD	Scientific Drilling
04/19/2011	743.00	13.03	50.07	IncAzi-MWD	Scientific Drilling
04/19/2011	804.00	14.91	50.51	IncAzi-MWD	Scientific Drilling
04/19/2011	866.00	16.96	48.47	IncAzi-MWD	Scientific Drilling
04/19/2011	929.00	19.04	48.27	IncAzi-MWD	Scientific Drilling
04/19/2011	993.00	21.21	48.18	IncAzi-MWD	Scientific Drilling
04/19/2011	1,057.00	23.23	48.46	IncAzi-MWD	Scientific Drilling
04/19/2011	1,120.00	25.48	47.75	IncAzi-MWD	Scientific Drilling
04/19/2011	1,184.00	27.28	48.60	IncAzi-MWD	Scientific Drilling
04/19/2011	1,247.00	28.96	48.99	IncAzi-MWD	Scientific Drilling
04/20/2011	1,374.00	32.91	48.91	IncAzi-MWD	Scientific Drilling
04/20/2011	1,438.00	34.13	49.49	IncAzi-MWD	Scientific Drilling
04/20/2011	1,501.00	35.41	48.59	IncAzi-MWD	Scientific Drilling
04/20/2011	1,565.00	36.25	47.96	IncAzi-MWD	Scientific Drilling
04/20/2011	1,628.00	36.45	48.28	IncAzi-MWD	Scientific Drilling
04/20/2011	1,692.00	36.68	48.29	IncAzi-MWD	Scientific Drilling
04/20/2011	1,755.00	36.96	48.19	IncAzi-MWD	Scientific Drilling
04/20/2011	1,819.00	36.18	47.25	IncAzi-MWD	Scientific Drilling
04/20/2011	1,882.00	35.23	46.01	IncAzi-MWD	Scientific Drilling
04/20/2011	1,946.00	33.33	45.78	IncAzi-MWD	Scientific Drilling

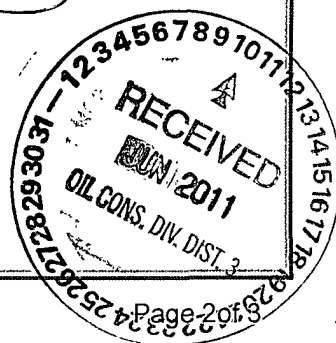
04/20/2011	2,009.00	32.43	46.13	IncAzi-MWD	Scientific Drilling
04/20/2011	2,073.00	31.46	46.31	IncAzi-MWD	Scientific Drilling
04/20/2011	2,137.00	32.57	47.94	IncAzi-MWD	Scientific Drilling
04/20/2011	2,200.00	32.75	47.58	IncAzi-MWD	Scientific Drilling
04/20/2011	2,264.00	33.97	47.98	IncAzi-MWD	Scientific Drilling
04/20/2011	2,327.00	35.28	48.64	IncAzi-MWD	Scientific Drilling
04/20/2011	2,391.00	36.44	49.01	IncAzi-MWD	Scientific Drilling
04/20/2011	2,454.00	36.21	48.57	IncAzi-MWD	Scientific Drilling
04/20/2011	2,518.00	35.73	47.90	IncAzi-MWD	Scientific Drilling
04/20/2011	2,581.00	35.87	47.82	IncAzi-MWD	Scientific Drilling
04/20/2011	2,645.00	36.08	47.25	IncAzi-MWD	Scientific Drilling
04/20/2011	2,708.00	34.99	47.68	IncAzi-MWD	Scientific Drilling
04/20/2011	2,772.00	32.22	49.88	IncAzi-MWD	Scientific Drilling
04/20/2011	2,804.00	31.21	49.19	IncAzi-MWD	Scientific Drilling
04/20/2011	2,867.00	28.25	48.93	IncAzi-MWD	Scientific Drilling
04/20/2011	2,931.00	26.25	48.86	IncAzi-MWD	Scientific Drilling
04/20/2011	2,994.00	22.76	48.57	IncAzi-MWD	Scientific Drilling
04/20/2011	3,058.00	19.57	45.05	IncAzi-MWD	Scientific Drilling
04/20/2011	3,121.00	17.46	41.83	IncAzi-MWD	Scientific Drilling
04/20/2011	3,185.00	16.69	41.28	IncAzi-MWD	Scientific Drilling
04/20/2011	3,248.00	15.73	40.66	IncAzi-MWD	Scientific Drilling
04/20/2011	3,312.00	13.82	44.41	IncAzi-MWD	Scientific Drilling
04/20/2011	3,375.00	11.26	51.35	IncAzi-MWD	Scientific Drilling
04/20/2011	3,439.00	8.74	48.19	IncAzi-MWD	Scientific Drilling
04/20/2011	3,502.00	6.15	47.14	IncAzi-MWD	Scientific Drilling
04/20/2011	3,566.00	3.77	37.42	IncAzi-MWD	Scientific Drilling
04/20/2011	3,618.00	2.19	39.76	IncAzi-MWD	Scientific Drilling
04/20/2011	3,670.00	.61	42.10	IncAzi-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	04/30/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/30/2011	7,760.00	1.00	.00	Inc-WL	Phoenix Services LLC

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

June 7, 2011

[Signature]



Notary Public in and for San Juan County, New Mexico

My Commission expires AUGUST 6, 2014



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)
SEC 33-T29N-T7W
SJ 29-7 #77N

Original Hole

Design: Original Hole

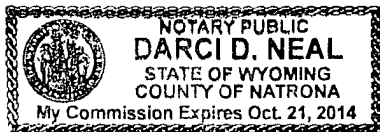
Standard Survey Report

25 April, 2011

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

Notarized this date 26th of April, 2011.
Darci D. Neal

Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 29-7 #77N
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6245.0ft (15' DF + 6230' GL)
Site:	SEC 33-T29N-T7W	MD Reference:	AWS 711 @ 6245.0ft (15' DF + 6230' GL)
Well:	SJ 29-7 #77N	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Project	SJB (NM Central), New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico Central 3002		Using geodetic scale factor

Site	SEC 33-T29N-T7W		
Site Position:		Northing:	2,068,782.29 ft
From:	Lat/Long	Easting:	112,361.30 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 40' 41.788 N
		Longitude:	107° 34' 18.841 W
		Grid Convergence:	-0.79 °

Well	SJ 29-7 #77N, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,068,782.29 ft
	+E/-W	0.0 ft	Easting: 112,361.30 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 40' 41.788 N
		Longitude:	107° 34' 18.841 W
		Ground Level:	6,230.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	BGGM2010	4/1/2011	9.82
			Dip Angle
			63.49
			Field Strength
			50,744

Design	Original Hole		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			(°)
			47.83

Survey Program	Date	4/25/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
251.0	3,618.0	Survey #1 (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
251.0	0.36	139.85	251.0	-0.6	0.5	0.0	0.14	0.14	0.00
First SDI MWD Survey									
312.0	1.01	82.15	312.0	-0.7	1.2	0.4	1.43	1.07	-94.59
374.0	2.21	47.31	374.0	0.2	2.6	2.1	2.41	1.94	-56.19
435.0	3.83	39.86	434.9	2.6	4.8	5.3	2.73	2.66	-12.21
496.0	5.81	45.25	495.7	6.3	8.3	10.4	3.33	3.25	8.84
558.0	7.77	51.62	557.2	11.1	13.8	17.7	3.38	3.16	10.27
619.0	9.51	51.19	617.5	16.8	20.9	26.8	2.85	2.85	-0.70
681.0	11.27	49.43	678.5	24.0	29.5	38.0	2.88	2.84	-2.84
743.0	13.03	50.07	739.1	32.4	39.5	51.0	2.85	2.84	1.03
804.0	14.91	50.51	798.3	41.8	50.8	65.7	3.09	3.08	0.72
866.0	16.96	48.47	857.9	52.9	63.7	82.8	3.43	3.31	-3.29

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 29-7 #77N
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6245 0ft (15' DF + 6230' GL)
Site:	SEC 33-T29N-T7W	MD Reference:	AWS 711 @ 6245.0ft (15' DF + 6230' GL)
Well:	SJ 29-7 #77N	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
929.0	19.04	48.27	917.8	65.8	78.3	102.2	3.30	3.30	-0.32
993.0	21.21	48.18	977.9	80.5	94.7	124.2	3.39	3.39	-0.14
1,057.0	23.23	48.46	1,037.2	96.6	112.8	148.4	3.16	3.16	0.44
1,120.0	25.48	47.75	1,094.6	113.9	132.1	174.4	3.60	3.57	-1.13
1,184.0	27.28	48.60	1,151.9	132.9	153.3	202.8	2.87	2.81	1.33
1,247.0	28.96	48.99	1,207.5	152.5	175.7	232.5	2.68	2.67	0.62
1,311.0	31.11	48.62	1,262.9	173.6	199.8	264.6	3.37	3.36	-0.58
1,374.0	32.91	48.91	1,316.3	195.6	224.9	298.0	2.87	2.86	0.46
1,438.0	34.13	49.49	1,369.6	218.7	251.6	333.3	1.97	1.91	0.91
1,501.0	35.41	48.59	1,421.4	242.2	278.8	369.2	2.19	2.03	-1.43
1,565.0	36.25	47.96	1,473.3	267.1	306.7	406.7	1.43	1.31	-0.98
1,628.0	36.45	48.28	1,524.0	292.1	334.5	444.0	0.44	0.32	0.51
1,692.0	36.68	48.29	1,575.4	317.4	363.0	482.1	0.36	0.36	0.02
1,755.0	36.96	48.19	1,625.9	342.6	391.1	519.9	0.45	0.44	-0.16
1,819.0	36.18	47.25	1,677.3	368.2	419.4	558.0	1.50	-1.22	-1.47
1,882.0	35.23	46.01	1,728.4	393.5	446.1	594.8	1.90	-1.51	-1.97
1,946.0	33.33	45.78	1,781.3	418.6	472.0	630.8	2.98	-2.97	-0.36
2,009.0	32.43	46.13	1,834.2	442.3	496.5	665.0	1.46	-1.43	0.56
2,073.0	31.46	46.31	1,888.5	465.8	521.0	698.8	1.52	-1.52	0.28
2,137.0	32.57	47.94	1,942.8	488.9	545.9	732.8	2.20	1.73	2.55
2,200.0	32.75	47.58	1,995.8	511.7	571.0	766.8	0.42	0.29	-0.57
2,264.0	33.97	47.98	2,049.3	535.4	597.1	801.9	1.94	1.91	0.63
2,327.0	35.28	48.64	2,101.1	559.2	623.8	837.7	2.16	2.08	1.05
2,391.0	36.44	49.01	2,153.0	583.8	652.0	875.2	1.84	1.81	0.58
2,454.0	36.21	48.57	2,203.7	608.4	680.1	912.5	0.55	-0.37	-0.70
2,518.0	35.73	47.90	2,255.5	633.5	708.2	950.1	0.97	-0.75	-1.05
2,581.0	35.87	47.82	2,306.6	658.2	735.5	987.0	0.23	0.22	-0.13
2,645.0	36.08	47.25	2,358.4	683.6	763.2	1,024.6	0.62	0.33	-0.89
2,708.0	34.99	47.68	2,409.7	708.3	790.2	1,061.2	1.78	-1.73	0.68
2,772.0	32.22	49.88	2,463.0	731.7	816.8	1,096.6	4.73	-4.33	3.44
2,804.0	31.21	49.19	2,490.2	742.6	829.6	1,113.4	3.35	-3.16	-2.16
2,867.0	28.25	48.93	2,544.9	763.1	853.2	1,144.6	4.70	-4.70	-0.41
2,931.0	26.25	48.86	2,601.8	782.3	875.3	1,173.9	3.13	-3.13	-0.11
2,994.0	22.76	48.57	2,659.1	799.6	894.9	1,200.1	5.54	-5.54	-0.46
3,058.0	19.57	45.05	2,718.8	815.3	911.8	1,223.2	5.36	-4.98	-5.50
3,121.0	17.46	41.83	2,778.5	829.8	925.6	1,243.1	3.72	-3.35	-5.11
3,185.0	16.69	41.28	2,839.7	843.9	938.0	1,261.8	1.23	-1.20	-0.86
3,248.0	15.73	40.66	2,900.2	857.2	949.6	1,279.2	1.55	-1.52	-0.98
3,312.0	13.82	44.41	2,962.1	869.2	960.6	1,295.5	3.34	-2.98	5.86
3,375.0	11.26	51.35	3,023.6	878.4	970.7	1,309.1	4.71	-4.06	11.02
3,439.0	8.74	48.19	3,086.6	885.6	979.2	1,320.2	4.03	-3.94	-4.94
3,502.0	6.15	47.14	3,149.1	891.1	985.2	1,328.4	4.12	-4.11	-1.67
3,566.0	3.77	37.42	3,212.8	895.1	989.0	1,333.9	3.93	-3.72	-15.19
3,618.0	2.19	39.76	3,264.8	897.2	990.7	1,336.6	3.05	-3.04	4.50
Last SDI MWD Survey									

Checked By: _____	Approved By: _____	Date: _____
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