

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 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

"AS DRILLED PLAT"

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30985		² Pool Code 71599 / 72319		³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE	
⁴ Property Code 31326		⁵ Property Name SAN JUAN 29-6 UNIT			⁶ Well Number 61M
⁷ OGRID No. 217817		⁸ Operator Name CONOCOPHILLIPS COMPANY			⁹ Elevation 6251

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
K	19	29-N	6-W		1975	SOUTH	1790	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
M	19	29-N	6-W		1238	SOUTH	744	WEST	RIO ARriba

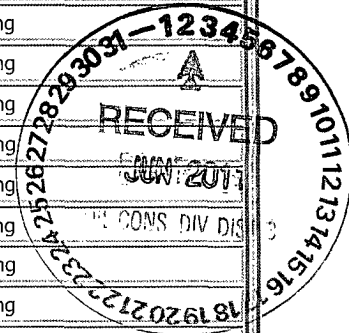
¹² Dedicated Acres 320.00 W/2 DK/MV	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 		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 Dollie L. Busse Printed Name Staff Regulatory Tech Title and E-mail Address May 27, 2011 Date
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: 5/16/08 Signature and Seal of Professional Surveyor: Certificate Number: NM 11393		

Legal WellName : SAN JUAN 29-6 UNIT #61M	API / UWI: 3003930985
Operator: CONOCOPHILLIPS COMPANY	Surf Loc: 019-029N-006W-K
St/Prov: NEW MEXICO	N/S Dist (ft): 1,975.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 1,790.00 - FWL

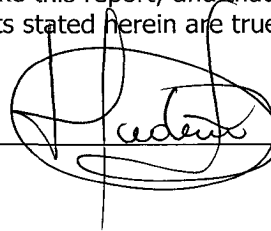
Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	03/30/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/30/2011	130.00	.75	.00	Inc-WL	Mo Te Drilling Inc
03/30/2011	238.00	.75	.00	Inc-WL	Mo Te Drilling Inc
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	04/17/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/19/2011	.00	.00	.00	Inc-MWD	Scientific Drilling
04/17/2011	265.00	.29	326.72	Inc-MWD	Scientific Drilling
04/17/2011	295.00	.29	19.51	Inc-MWD	Scientific Drilling
04/17/2011	326.00	.30	266.76	Inc-MWD	Scientific Drilling
04/17/2011	357.00	.87	249.38	Inc-MWD	Scientific Drilling
04/17/2011	388.00	1.25	259.53	Inc-MWD	Scientific Drilling
04/17/2011	419.00	1.94	252.92	Inc-MWD	Scientific Drilling
04/17/2011	450.00	2.69	250.82	Inc-MWD	Scientific Drilling
04/17/2011	481.00	3.18	250.42	Inc-MWD	Scientific Drilling
04/17/2011	512.00	3.66	244.26	Inc-MWD	Scientific Drilling
04/17/2011	542.00	4.38	242.61	Inc-MWD	Scientific Drilling
04/17/2011	573.00	5.19	241.78	Inc-MWD	Scientific Drilling
04/17/2011	604.00	5.61	242.87	Inc-MWD	Scientific Drilling
04/17/2011	635.00	6.18	240.49	Inc-MWD	Scientific Drilling
04/17/2011	666.00	6.96	240.37	Inc-MWD	Scientific Drilling
04/17/2011	697.00	7.68	238.74	Inc-MWD	Scientific Drilling
04/17/2011	728.00	8.40	237.85	Inc-MWD	Scientific Drilling
04/17/2011	758.00	9.09	235.85	Inc-MWD	Scientific Drilling
04/17/2011	789.00	9.57	236.84	Inc-MWD	Scientific Drilling
04/17/2011	820.00	10.01	239.01	Inc-MWD	Scientific Drilling
04/17/2011	854.00	10.68	240.17	Inc-MWD	Scientific Drilling
04/17/2011	885.00	11.68	238.12	Inc-MWD	Scientific Drilling
04/17/2011	917.00	12.13	236.52	Inc-MWD	Scientific Drilling
04/17/2011	949.00	12.59	235.42	Inc-MWD	Scientific Drilling
04/17/2011	981.00	13.13	235.82	Inc-MWD	Scientific Drilling
04/17/2011	1,013.00	13.58	234.10	Inc-MWD	Scientific Drilling
04/17/2011	1,044.00	14.11	234.51	Inc-MWD	Scientific Drilling



04/17/2011	1,076.00	14.70	233.67	Inc-MWD	Scientific Drilling
04/17/2011	1,108.00	15.06	234.81	Inc-MWD	Scientific Drilling
04/18/2011	1,139.00	15.40	235.64	Inc-MWD	Scientific Drilling
04/18/2011	1,171.00	15.57	236.46	Inc-MWD	Scientific Drilling
04/18/2011	1,202.00	16.10	236.12	Inc-MWD	Scientific Drilling
04/18/2011	1,234.00	16.68	236.26	Inc-MWD	Scientific Drilling
04/18/2011	1,266.00	17.43	235.41	Inc-MWD	Scientific Drilling
04/18/2011	1,297.00	18.51	235.98	Inc-MWD	Scientific Drilling
04/18/2011	1,329.00	19.41	236.76	Inc-MWD	Scientific Drilling
04/18/2011	1,360.00	20.26	236.51	Inc-MWD	Scientific Drilling
04/18/2011	1,392.00	20.68	236.50	Inc-MWD	Scientific Drilling
04/18/2011	1,424.00	21.28	236.02	Inc-MWD	Scientific Drilling
04/18/2011	1,456.00	21.65	236.13	Inc-MWD	Scientific Drilling
04/18/2011	1,488.00	22.48	235.94	Inc-MWD	Scientific Drilling
04/18/2011	1,519.00	23.45	236.00	Inc-MWD	Scientific Drilling
04/18/2011	1,582.00	24.39	236.24	Inc-MWD	Scientific Drilling
04/18/2011	1,646.00	24.64	236.41	Inc-MWD	Scientific Drilling
04/18/2011	1,709.00	24.90	235.83	Inc-MWD	Scientific Drilling
04/18/2011	1,773.00	25.28	235.20	Inc-MWD	Scientific Drilling
04/18/2011	1,836.00	26.06	234.98	Inc-MWD	Scientific Drilling
04/18/2011	1,900.00	26.37	235.15	Inc-MWD	Scientific Drilling
04/18/2011	1,964.00	25.43	236.29	Inc-MWD	Scientific Drilling
04/18/2011	2,026.00	25.17	236.54	Inc-MWD	Scientific Drilling
04/18/2011	2,090.00	25.43	236.09	Inc-MWD	Scientific Drilling
04/18/2011	2,153.00	26.11	236.02	Inc-MWD	Scientific Drilling
04/18/2011	2,216.00	25.65	236.56	Inc-MWD	Scientific Drilling
04/18/2011	2,278.00	24.98	236.92	Inc-MWD	Scientific Drilling
04/18/2011	2,341.00	25.28	237.17	Inc-MWD	Scientific Drilling
04/18/2011	2,404.00	26.04	236.32	Inc-MWD	Scientific Drilling
04/18/2011	2,467.00	25.95	236.28	Inc-MWD	Scientific Drilling
04/18/2011	2,530.00	25.34	235.31	Inc-MWD	Scientific Drilling
04/18/2011	2,593.00	25.26	233.66	Inc-MWD	Scientific Drilling
04/18/2011	2,656.00	25.51	233.04	Inc-MWD	Scientific Drilling
04/18/2011	2,718.00	25.78	232.34	Inc-MWD	Scientific Drilling
04/18/2011	2,781.00	25.72	230.87	Inc-MWD	Scientific Drilling
04/18/2011	2,845.00	25.40	230.63	Inc-MWD	Scientific Drilling
04/18/2011	2,908.00	25.31	231.26	Inc-MWD	Scientific Drilling
04/18/2011	2,971.00	25.32	232.34	Inc-MWD	Scientific Drilling
04/18/2011	3,034.00	24.91	232.66	Inc-MWD	Scientific Drilling
04/18/2011	3,098.00	24.78	232.80	Inc-MWD	Scientific Drilling
04/19/2011	3,161.00	24.15	234.21	Inc-MWD	Scientific Drilling
04/19/2011	3,224.00	22.97	235.99	Inc-MWD	Scientific Drilling
04/19/2011	3,287.00	22.40	236.04	Inc-MWD	Scientific Drilling
04/19/2011	3,350.00	22.77	234.92	Inc-MWD	Scientific Drilling
04/19/2011	3,413.00	23.08	234.24	Inc-MWD	Scientific Drilling
04/19/2011	3,477.00	22.37	236.27	Inc-MWD	Scientific Drilling
04/19/2011	3,540.00	21.66	236.15	Inc-MWD	Scientific Drilling
04/19/2011	3,603.00	20.65	234.26	Inc-MWD	Scientific Drilling

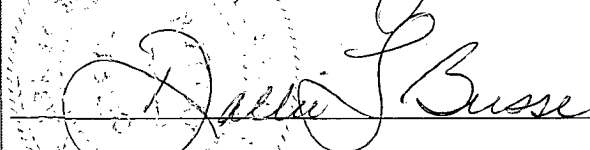
04/19/2011	3,665.00	19.68	232.74	Inc-MWD	Scientific Drilling
04/19/2011	3,729.00	18.14	231.43	Inc-MWD	Scientific Drilling
04/19/2011	3,760.00	17.33	230.86	Inc-MWD	Scientific Drilling
04/19/2011	3,792.00	16.69	231.45	Inc-MWD	Scientific Drilling
04/19/2011	3,824.00	15.99	230.53	Inc-MWD	Scientific Drilling
04/19/2011	3,855.00	15.11	230.13	Inc-MWD	Scientific Drilling
04/19/2011	3,887.00	14.35	229.60	Inc-MWD	Scientific Drilling
04/19/2011	3,919.00	13.52	230.92	Inc-MWD	Scientific Drilling
04/19/2011	3,950.00	12.88	229.78	Inc-MWD	Scientific Drilling
04/19/2011	3,982.00	12.09	231.77	Inc-MWD	Scientific Drilling
04/19/2011	4,014.00	11.43	231.54	Inc-MWD	Scientific Drilling
04/19/2011	4,046.00	10.92	231.30	Inc-MWD	Scientific Drilling
04/19/2011	4,078.00	10.63	231.96	Inc-MWD	Scientific Drilling
04/19/2011	4,110.00	10.02	230.73	Inc-MWD	Scientific Drilling
04/19/2011	4,141.00	9.64	229.57	Inc-MWD	Scientific Drilling
04/19/2011	4,173.00	9.07	229.77	Inc-MWD	Scientific Drilling
04/20/2011	4,205.00	8.50	228.21	Inc-MWD	Scientific Drilling
04/20/2011	4,237.00	7.47	226.49	Inc-MWD	Scientific Drilling
04/20/2011	4,269.00	6.34	231.03	Inc-MWD	Scientific Drilling
04/20/2011	4,301.00	5.53	232.71	Inc-MWD	Scientific Drilling
04/20/2011	4,333.00	5.12	235.56	Inc-MWD	Scientific Drilling
04/20/2011	4,365.00	4.37	239.15	Inc-MWD	Scientific Drilling
04/20/2011	4,396.00	4.14	240.77	Inc-MWD	Scientific Drilling
04/20/2011	4,414.00	4.04	240.62	Inc-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	05/04/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/04/2011	7,765.00	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.



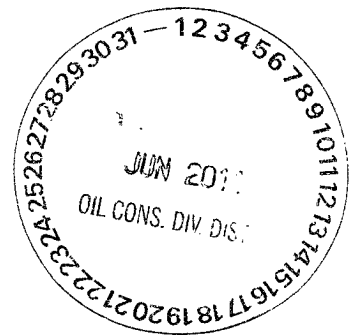
Subscribed and sworn to me this

JUNE 1, 2011



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 19-T29N-R6W
SJ 29-6 #61M

Original Hole

Design: Original Hole



Standard Survey Report

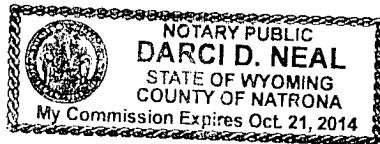
25 April, 2011

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



Scientific Drilling Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 29-6 #61M
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6266.0ft (15' DF + 6251' GL)
Site:	SEC 19-T29N-R6W	MD Reference:	AWS 730 @ 6266.0ft (15' DF + 6251' GL)
Well:	SJ 29-6 #61M	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 19-T29N-R6W		
Site Position:		Northing:	2,079,837.50 ft
From:	Lat/Long	Easting:	131,660.02 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 42' 33.653 N
		Longitude:	107° 30' 23.752 W
		Grid Convergence:	-0.75 °

Well	SJ 29-6 #61M, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,079,837.50 ft
	+E/-W	0.0 ft	Easting: 131,660.02 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 42' 33.653 N
		Longitude:	107° 30' 23.752 W
		Ground Level:	6,251.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	BGGM2010	3/15/2011	9.80
			Dip Angle
			63.53
			Field Strength
			50,775

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
			(°)
			234.82

Survey Program	Date	4/25/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
265.0	4,414.0	Survey #1 (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
265.0	0.29	326.72	265.0	0.6	-0.4	0.0	0.11	0.11	0.00
First SDI MWD Survey									
295.0	0.29	19.51	295.0	0.7	-0.4	-0.1	0.86	0.00	175.97
326.0	0.30	266.76	326.0	0.8	-0.4	-0.1	1.58	0.03	-363.71
357.0	0.87	249.38	357.0	0.7	-0.7	0.2	1.90	1.84	-56.06
388.0	1.25	259.53	388.0	0.5	-1.3	0.7	1.36	1.23	32.74
419.0	1.94	252.92	419.0	0.3	-2.1	1.6	2.30	2.23	-21.32
450.0	2.69	250.82	450.0	-0.1	-3.3	2.8	2.43	2.42	-6.77
481.0	3.18	250.42	480.9	-0.6	-4.8	4.3	1.58	1.58	-1.29
512.0	3.66	244.26	511.9	-1.3	-6.5	6.1	1.95	1.55	-19.87
542.0	4.38	242.61	541.8	-2.3	-8.4	8.2	2.43	2.40	-5.50
573.0	5.19	241.78	572.7	-3.5	-10.7	10.7	2.62	2.61	-2.68

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 29-6 #61M
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6266.0ft (15' DF + 6251' GL)
Site:	SEC 19-T29N-R6W	MD Reference:	AWS 730 @ 6266.0ft (15' DF + 6251' GL)
Well:	SJ 29-6 #61M	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)
604.0	5.61	242.87	603.5	-4.8	-13.3	13.6	1.39	1.35	3.52
635.0	6.18	240.49	634.4	-6.3	-16.1	16.8	2.00	1.84	-7.68
666.0	6.96	240.37	665.2	-8.1	-19.2	20.3	2.52	2.52	-0.39
697.0	7.68	238.74	695.9	-10.1	-22.6	24.2	2.42	2.32	-5.26
728.0	8.40	237.85	726.6	-12.4	-26.2	28.6	2.36	2.32	-2.87
758.0	9.09	235.85	756.3	-14.9	-30.1	33.1	2.51	2.30	-6.67
789.0	9.57	236.84	786.9	-17.7	-34.2	38.2	1.63	1.55	3.19
820.0	10.01	239.01	817.4	-20.4	-38.7	43.4	1.85	1.42	7.00
854.0	10.68	240.17	850.8	-23.5	-44.0	49.5	2.06	1.97	3.41
885.0	11.68	238.12	881.3	-26.6	-49.1	55.5	3.47	3.23	-6.61
917.0	12.13	236.52	912.6	-30.2	-54.7	62.1	1.74	1.41	-5.00
949.0	12.59	235.42	943.8	-34.0	-60.4	68.9	1.61	1.44	-3.44
981.0	13.13	235.82	975.0	-38.0	-66.2	76.1	1.71	1.69	1.25
1,013.0	13.58	234.10	1,006.2	-42.3	-72.3	83.5	1.88	1.41	-5.38
1,044.0	14.11	234.51	1,036.3	-46.6	-78.3	90.9	1.74	1.71	1.32
1,076.0	14.70	233.67	1,067.3	-51.3	-84.8	98.8	1.96	1.84	-2.63
1,108.0	15.06	234.81	1,098.2	-56.1	-91.4	107.0	1.45	1.13	3.56
1,139.0	15.40	235.64	1,128.1	-60.7	-98.1	115.2	1.30	1.10	2.68
1,171.0	15.57	236.46	1,158.9	-65.5	-105.2	123.7	0.87	0.53	2.56
1,202.0	16.10	236.12	1,188.8	-70.2	-112.2	132.2	1.74	1.71	-1.10
1,234.0	16.68	236.26	1,219.5	-75.2	-119.7	141.2	1.82	1.81	0.44
1,266.0	17.43	235.41	1,250.0	-80.5	-127.5	150.6	2.47	2.34	-2.66
1,297.0	18.51	235.98	1,279.5	-85.9	-135.4	160.2	3.53	3.48	1.84
1,329.0	19.41	236.76	1,309.8	-91.6	-144.1	170.6	2.92	2.81	2.44
1,360.0	20.26	236.51	1,339.0	-97.4	-152.9	181.1	2.76	2.74	-0.81
1,392.0	20.68	236.50	1,368.9	-103.6	-162.2	192.3	1.31	1.31	-0.03
1,424.0	21.28	236.02	1,398.8	-110.0	-171.7	203.7	1.95	1.88	-1.50
1,456.0	21.65	236.13	1,428.6	-116.5	-181.4	215.4	1.16	1.16	0.34
1,488.0	22.48	235.94	1,458.3	-123.2	-191.4	227.4	2.60	2.59	-0.59
1,519.0	23.45	236.00	1,486.8	-130.0	-201.4	239.5	3.13	3.13	0.19
1,582.0	24.39	236.24	1,544.4	-144.2	-222.6	265.1	1.50	1.49	0.38
1,646.0	24.64	236.41	1,602.6	-158.9	-244.7	291.6	0.41	0.39	0.27
1,709.0	24.90	235.83	1,659.8	-173.7	-266.6	318.0	0.56	0.41	-0.92
1,773.0	25.28	235.20	1,717.8	-189.0	-289.0	345.1	0.73	0.59	-0.98
1,836.0	26.06	234.98	1,774.6	-204.6	-311.4	372.4	1.25	1.24	-0.35
1,900.0	26.37	235.15	1,832.0	-220.8	-334.6	400.7	0.50	0.48	0.27
1,964.0	25.43	236.29	1,889.6	-236.6	-357.7	428.6	1.66	-1.47	1.78
2,026.0	25.17	236.54	1,945.6	-251.2	-379.7	455.1	0.45	-0.42	0.40
2,090.0	25.43	236.09	2,003.5	-266.4	-402.5	482.5	0.51	0.41	-0.70
2,153.0	26.11	236.02	2,060.2	-281.7	-425.2	509.9	1.08	1.08	-0.11
2,216.0	25.65	236.56	2,116.9	-297.0	-448.1	537.3	0.82	-0.73	0.86
2,278.0	24.98	236.92	2,172.9	-311.5	-470.3	563.8	1.11	-1.08	0.58
2,341.0	25.28	237.17	2,230.0	-326.1	-492.7	590.6	0.51	0.48	0.40
2,404.0	26.04	236.32	2,286.7	-341.0	-515.5	617.8	1.34	1.21	-1.35
2,467.0	25.95	236.28	2,343.4	-356.3	-538.5	645.4	0.15	-0.14	-0.06
2,530.0	25.34	235.31	2,400.2	-371.7	-561.0	672.7	1.18	-0.97	-1.54
2,593.0	25.26	233.66	2,457.1	-387.3	-583.0	699.6	1.13	-0.13	-2.62
2,656.0	25.51	233.04	2,514.0	-403.4	-604.6	726.6	0.58	0.40	-0.98
2,718.0	25.78	232.34	2,569.9	-419.7	-626.0	753.4	0.65	0.44	-1.13
2,781.0	25.72	230.87	2,626.7	-436.7	-647.4	780.8	1.02	-0.10	-2.33
2,845.0	25.40	230.63	2,684.4	-454.2	-668.8	808.3	0.53	-0.50	-0.38
2,908.0	25.31	231.26	2,741.4	-471.2	-689.7	835.2	0.45	-0.14	1.00
2,971.0	25.32	232.34	2,798.3	-487.8	-710.9	862.1	0.73	0.02	1.71
3,034.0	24.91	232.66	2,855.3	-504.1	-732.1	888.8	0.69	-0.65	0.51

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 29-6 #61M
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6266.0ft (15' DF + 6251' GL)
Site:	SEC 19-T29N-R6W	MD Reference:	AWS 730 @ 6266.0ft (15' DF + 6251' GL)
Well:	SJ 29-6 #61M	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)
3,098.0	24.78	232.80	2,913.4	-520.4	-753.5	915.7	0.22	-0.20	0.22
3,161.0	24.15	234.21	2,970.8	-535.9	-774.5	941.8	1.36	-1.00	2.24
3,224.0	22.97	235.99	3,028.5	-550.3	-795.1	967.0	2.19	-1.87	2.83
3,287.0	22.40	236.04	3,086.6	-563.9	-815.3	991.3	0.91	-0.90	0.08
3,350.0	22.77	234.92	3,144.8	-577.6	-835.2	1,015.5	0.90	0.59	-1.78
3,413.0	23.08	234.24	3,202.8	-591.8	-855.2	1,040.0	0.65	0.49	-1.08
3,477.0	22.37	236.27	3,261.9	-605.9	-875.5	1,064.7	1.65	-1.11	3.17
3,540.0	21.66	236.15	3,320.3	-619.1	-895.2	1,088.3	1.13	-1.13	-0.19
3,603.0	20.65	234.26	3,379.0	-632.0	-913.8	1,111.1	1.93	-1.60	-3.00
3,665.0	19.68	232.74	3,437.2	-644.7	-931.0	1,132.4	1.78	-1.56	-2.45
3,729.0	18.14	231.43	3,497.8	-657.5	-947.4	1,153.1	2.50	-2.41	-2.05
3,760.0	17.33	230.86	3,527.3	-663.4	-954.7	1,162.6	2.67	-2.61	-1.84
3,792.0	16.69	231.45	3,557.9	-669.3	-962.0	1,171.9	2.07	-2.00	1.84
3,824.0	15.99	230.53	3,588.6	-674.9	-969.0	1,180.9	2.33	-2.19	-2.88
3,855.0	15.11	230.13	3,618.5	-680.2	-975.4	1,189.2	2.86	-2.84	-1.29
3,887.0	14.35	229.60	3,649.4	-685.5	-981.6	1,197.3	2.41	-2.38	-1.66
3,919.0	13.52	230.92	3,680.5	-690.4	-987.6	1,205.0	2.78	-2.59	4.13
3,950.0	12.88	229.78	3,710.7	-694.9	-993.0	1,212.0	2.23	-2.06	-3.68
3,982.0	12.09	231.77	3,741.9	-699.3	-998.4	1,218.9	2.81	-2.47	6.22
4,014.0	11.43	231.54	3,773.2	-703.3	-1,003.5	1,225.4	2.07	-2.06	-0.72
4,046.0	10.92	231.30	3,804.6	-707.2	-1,008.3	1,231.6	1.60	-1.59	-0.75
4,078.0	10.63	231.96	3,836.1	-710.9	-1,013.0	1,237.6	0.98	-0.91	2.06
4,110.0	10.02	230.73	3,867.5	-714.5	-1,017.5	1,243.3	2.03	-1.91	-3.84
4,141.0	9.64	229.57	3,898.1	-717.9	-1,021.6	1,248.6	1.38	-1.23	-3.74
4,173.0	9.07	229.77	3,929.7	-721.3	-1,025.5	1,253.8	1.78	-1.78	0.63
4,205.0	8.50	228.21	3,961.3	-724.5	-1,029.2	1,258.6	1.93	-1.78	-4.88
4,237.0	7.47	226.49	3,993.0	-727.5	-1,032.5	1,263.0	3.30	-3.22	-5.38
4,269.0	6.34	231.03	4,024.7	-730.0	-1,035.4	1,266.9	3.92	-3.53	14.19
4,301.0	5.53	232.71	4,056.6	-732.1	-1,038.0	1,270.2	2.59	-2.53	5.25
4,333.0	5.12	235.56	4,088.4	-733.8	-1,040.4	1,273.1	1.52	-1.28	8.91
4,365.0	4.37	239.15	4,120.3	-735.2	-1,042.6	1,275.8	2.52	-2.34	11.22
4,396.0	4.14	240.77	4,151.2	-736.4	-1,044.6	1,278.1	0.84	-0.74	5.23
4,414.0	4.04	240.62	4,169.2	-737.0	-1,045.7	1,279.3	0.56	-0.56	-0.83

Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____