

A.



COP Deviation Report

NYE SRC #14N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName NYE SRC #14N	API / UWI 3004535154	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 013-030N-011W-B	N/S Dist (ft) 1,075.00	N/S Ref FNL	E/W Dist (ft) 1,494.00	E/W Ref FEL

Survey Data						
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company	
2/2/2012	130.00	0.50		Inc-WL	MO-TE DRILLING INC	
2/2/2012	234.00	1.25		Inc-WL	MO-TE DRILLING INC	
2/13/2012	263.00	2.19	20 38	IncAzi-MWD	Scientific Drilling	
2/13/2012	293.00	1.82	24 54	IncAzi-MWD	Scientific Drilling	
2/13/2012	324.00	1.92	33 68	IncAzi-MWD	Scientific Drilling	
2/13/2012	355.00	1.25	53 39	IncAzi-MWD	Scientific Drilling	
2/13/2012	385.00	1.46	68.06	IncAzi-MWD	Scientific Drilling	
2/13/2012	416.00	1.70	97.29	IncAzi-MWD	Scientific Drilling	
2/13/2012	446.00	1.95	119.31	IncAzi-MWD	Scientific Drilling	
2/13/2012	477.00	2.79	122 63	IncAzi-MWD	Scientific Drilling	
2/13/2012	507.00	3.49	130 98	IncAzi-MWD	Scientific Drilling	
2/13/2012	537.00	4.05	132 04	IncAzi-MWD	Scientific Drilling	
2/13/2012	568.00	5.03	138 62	IncAzi-MWD	Scientific Drilling	
2/13/2012	599.00	5.75	141 06	IncAzi-MWD	Scientific Drilling	
2/13/2012	629.00	6.26	135 40	IncAzi-MWD	Scientific Drilling	
2/13/2012	660.00	6.73	138.73	IncAzi-MWD	Scientific Drilling	
2/13/2012	690.00	7.32	137.43	IncAzi-MWD	Scientific Drilling	
2/13/2012	721.00	8.00	138.15	IncAzi-MWD	Scientific Drilling	
2/13/2012	751.00	8.76	135 38	IncAzi-MWD	Scientific Drilling	
2/13/2012	782.00	9.81	136 96	IncAzi-MWD	Scientific Drilling	
2/13/2012	812.00	10.01	137.75	IncAzi-MWD	Scientific Drilling	
2/13/2012	846.00	10.51	140 73	IncAzi-MWD	Scientific Drilling	
2/13/2012	879.00	11.43	141.24	IncAzi-MWD	Scientific Drilling	
2/13/2012	911.00	11.85	140.60	IncAzi-MWD	Scientific Drilling	
2/13/2012	943.00	12.34	140.72	IncAzi-MWD	Scientific Drilling	
2/13/2012	975.00	13.09	142.07	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,008.00	13.77	141.02	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,040.00	14.44	142.97	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,072.00	15.00	143.06	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,104.00	15.48	144.00	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,137.00	16.13	144.01	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,169.00	16.47	145.42	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,201.00	17.05	146.08	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,233.00	17.79	146.06	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,266.00	18.22	146.92	IncAzi-MWD	Scientific Drilling	

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 _____

RODOLFO
OIL CONS. DIV
DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

NYE SRC #14N

Survey Data						
Date	MD (ftKB)	Incl. (°)	Azm (°)	Method	Survey Company	
2/13/2012	1,298.00	19.07	146.25	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,330.00	19.41	145.80	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,363.00	19.95	145.24	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,395.00	20.43	145.19	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,459.00	20.67	143.38	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,523.00	21.03	142.70	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,588.00	21.42	143.21	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,652.00	21.59	142.02	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,717.00	21.97	141.27	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,781.00	22.65	140.40	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,845.00	22.93	142.17	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,909.00	23.21	143.66	IncAzi-MWD	Scientific Drilling	
2/13/2012	1,974.00	23.57	143.85	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,038.00	23.89	143.64	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,103.00	23.53	142.45	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,167.00	22.93	141.00	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,232.00	22.01	138.91	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,296.00	21.49	138.49	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,361.00	21.83	137.67	IncAzi-MWD	Scientific Drilling	
2/13/2012	2,425.00	20.81	139.92	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,490.00	19.96	139.55	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,554.00	19.50	140.97	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,619.00	19.45	141.97	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,683.00	19.65	144.00	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,748.00	20.88	144.01	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,812.00	20.94	143.69	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,877.00	19.70	142.77	IncAzi-MWD	Scientific Drilling	
2/14/2012	2,942.00	18.64	142.08	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,006.00	18.39	145.17	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,071.00	19.07	145.54	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,135.00	19.41	144.67	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,200.00	19.37	143.98	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,265.00	19.32	143.53	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,329.00	19.31	144.40	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,393.00	18.95	144.94	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,458.00	18.76	146.80	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,522.00	18.75	146.34	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,587.00	19.82	146.39	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,652.00	19.24	146.20	IncAzi-MWD	Scientific Drilling	

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 _____

AV

Survey Data						
Date	MD (ftKB)	Incl. (°)	Azm. (°)	Method	Survey Company	
2/14/2012	3,716.00	18.62	145.21	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,781.00	18.66	145.99	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,845.00	19.30	146.11	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,910.00	17.83	144.27	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,942.00	17.46	143.74	IncAzi-MWD	Scientific Drilling	
2/14/2012	3,974.00	17.31	143.37	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,006.00	17.36	142.83	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,038.00	17.21	143.73	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,071.00	16.85	142.12	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,103.00	15.87	142.36	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,135.00	15.23	141.99	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,168.00	14.48	142.62	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,200.00	13.84	142.21	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,232.00	12.90	141.73	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,264.00	12.46	140.88	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,297.00	11.73	141.35	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,329.00	11.45	140.96	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,361.00	10.82	141.15	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,393.00	10.36	142.63	IncAzi-MWD	Scientific Drilling	
2/14/2012	4,425.00	9.52	145.07	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,458.00	8.83	146.68	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,490.00	8.17	148.12	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,522.00	7.40	147.48	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,554.00	6.89	148.54	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,587.00	5.48	150.56	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,619.00	4.72	151.55	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,683.00	3.83	147.45	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,716.00	4.04	147.38	IncAzi-MWD	Scientific Drilling	
2/15/2012	4,723.00	3.95	147.27	IncAzi-MWD	Scientific Drilling	
3/2/2012	7,360.00	1.00		Inc-WL	Phoenix Services LLC	

I, the undersigned, certify that I acting in my capacity as Dallas 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.

ALL Galt

Subscribed and sworn to me this 3/28/12

N. J. Jaramilla

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14



RCVD MAR 28 '12
OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM West)
SEC 13-T30N-R11W
NYE SRC 14N

OH

Design: OH

API # 2004535154

Standard Survey Report

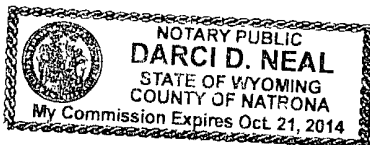
05 March, 2012

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

Notarized this date 5th of March, 2012.

Darci D. Neal

Notary Signature
County of Natrona
State of Wyoming



Scientific Drilling

ConocoPhillips

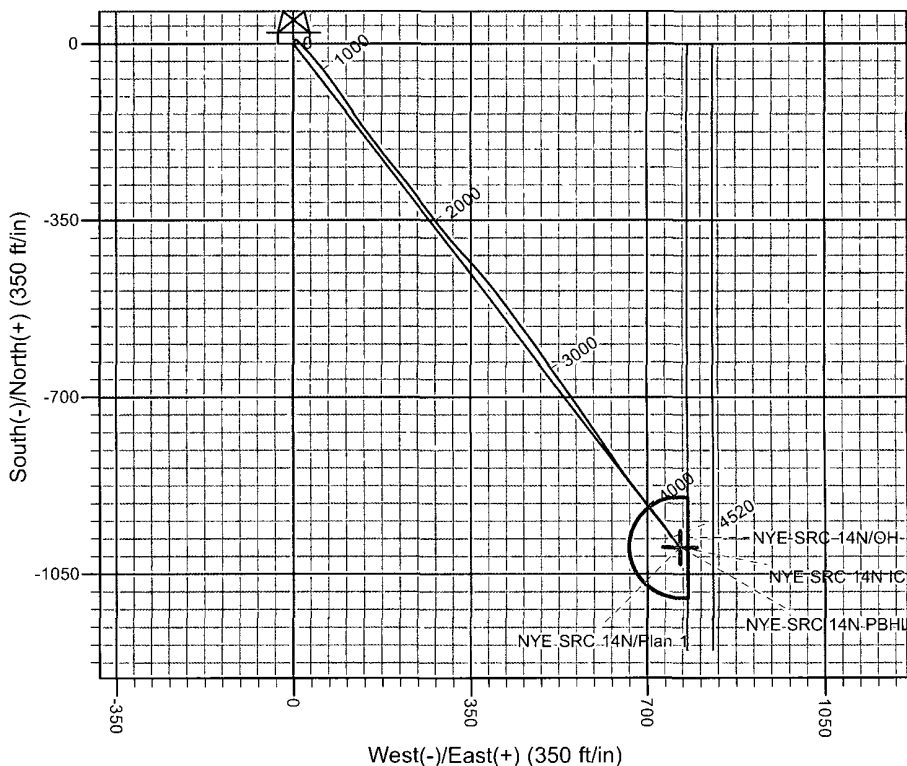
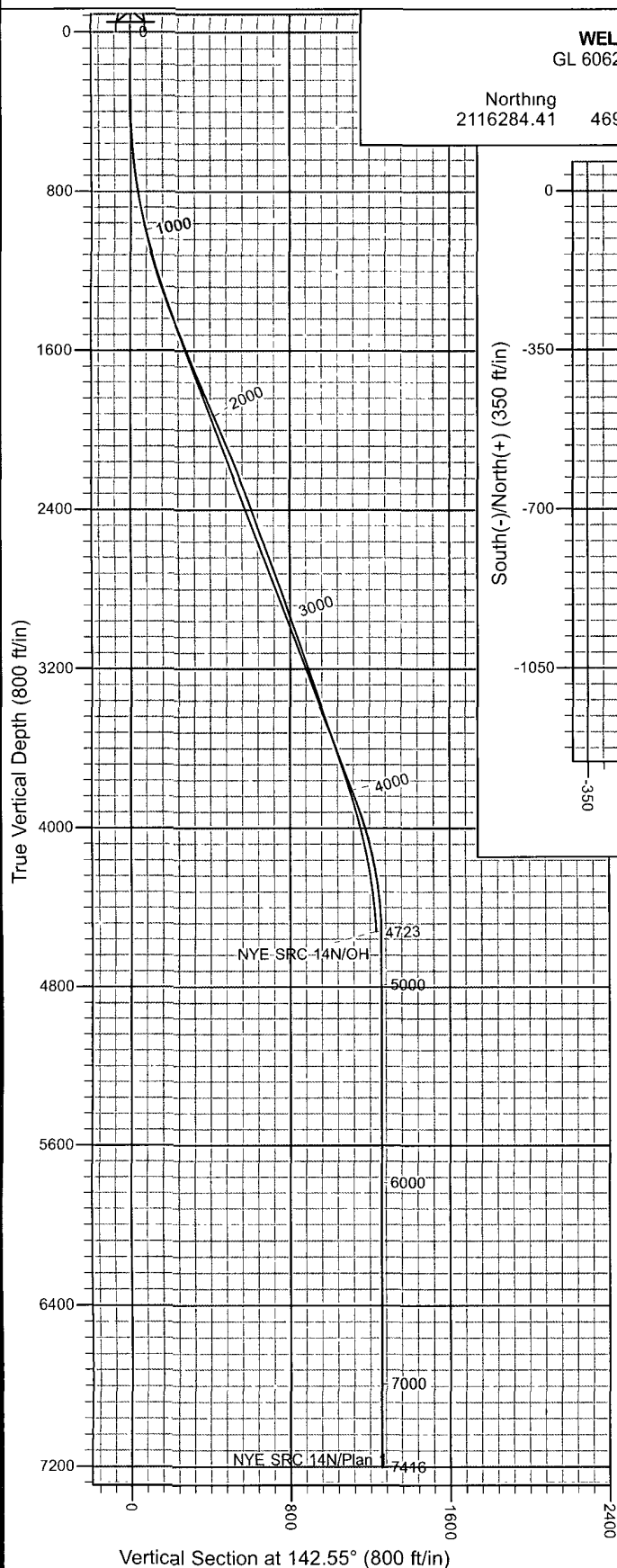
Project: SJB (NM West)
 Site: SEC 13-T30N-R11W
 Well: NYE SRC 14N
 Wellbore: OH
 Design: OH



T
 Azimuths to True North
 Magnetic North 9 90°
 Magnetic Field
 Strength 50662 0sn1
 Dip Angle 63 48°
 Date 2012/02/08
 Model BGGM2011

WELL DETAILS: NYE SRC 14N
 GL 6062' & KB 15' @ 6077.0ft (AWS 920)
 Ground Level: 6062.0

Northing	Easting	Latitude	Longitude
2116284.41	469286.61	36° 48' 57.441 N	107° 56' 17.730 W



REFERENCE INFORMATION
 Co-ordinate (N/E) Reference: Well NYE SRC 14N, True North
 Vertical (TVD) Reference: GL 6062' & KB 15' @ 6077.0ft (AWS 920)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 6062' & KB 15' @ 6077.0ft (AWS 920)
 Calculation Method: Minimum Curvature

PROJECT DETAILS: SJB (NM West)
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico West 3003
 System Datum: Mean Sea Level

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE SRC 14N
Project:	SJB (NM West)	TVD Reference:	GL 6062' & KB 15' @ 6077.0ft (AWS 920)
Site:	SEC 13-T30N-R11W	MD Reference:	GL 6062' & KB 15' @ 6077.0ft (AWS 920)
Well:	NYE SRC 14N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

Project:	SJB (NM West), San Juan County, 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 West 3003		Using geodetic scale factor

Site:	SEC 13-T30N-R11W		
Site Position:		Northing:	2,116,284.41 ft
From:	Lat/Long	Easting:	469,286.61 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 48' 57.441 N
		Longitude:	107° 56' 17.730 W
		Grid Convergence:	-0.06 °

Well:	NYE SRC 14N, 1075' FNL 1494' FEL		
Well Position	+N/-S	0.0 ft	Northing: 2,116,284.41 ft
	+E/-W	0.0 ft	Easting: 469,286.61 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 48' 57.441 N
		Longitude:	107° 56' 17.730 W
		Ground Level:	6,062.0 ft

Wellbore:	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2011	2012/02/08	9.90
			(°)
			63.48
			(nT)
			50,662

Design	OH		
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	(°)
			142.55

Survey Program	Date	2012/03/05		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
263.0	4,723.0	Survey #1 (OH)	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	
263.0	2.19	20.38	262.9	4.7	1.8	-2.7	0.83	0.83	0.00	
First SDI MWD Survey										
293.0	1.82	24.54	292.9	5.7	2.1	-3.2	1.32	-1.23	13.87	
324.0	1.92	33.68	323.9	6.6	2.6	-3.6	1.01	0.32	29.48	
355.0	1.25	53.39	354.9	7.2	3.2	-3.8	2.76	-2.16	63.58	
385.0	1.46	68.06	384.9	7.5	3.8	-3.7	1.35	0.70	48.90	
416.0	1.70	97.29	415.9	7.6	4.6	-3.2	2.68	0.77	94.29	
446.0	1.95	119.31	445.9	7.3	5.5	-2.4	2.46	0.83	73.40	
477.0	2.79	122.63	476.8	6.7	6.6	-1.3	2.74	2.71	10.71	
507.0	3.49	130.98	506.8	5.7	7.9	0.3	2.78	2.33	27.83	
537.0	4.05	132.04	536.7	4.4	9.4	2.3	1.88	1.87	3.53	
568.0	5.03	138.62	567.6	2.6	11.1	4.7	3.58	3.16	21.23	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE SRC 14N
Project:	SJB (NM West)	TVD Reference:	GL 6062' & KB 15' @ 6077.0ft (AWS 920)
Site:	SEC 13-T30N-R11W	MD Reference:	GL 6062' & KB 15' @ 6077.0ft (AWS 920)
Well:	NYE SRC 14N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

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)	
599.0	5.75	141.06	598.5	0.4	13.0	7.6	2.44	2.32	7.87	
629.0	6.26	135.40	628.3	-2.0	15.1	10.7	2.60	1.70	-18.87	
660.0	6.73	138.73	659.1	-4.5	17.5	14.2	1.94	1.52	10.74	
690.0	7.32	137.43	688.9	-7.3	19.9	17.9	2.04	1.97	-4.33	
721.0	8.00	138.15	719.6	-10.3	22.7	22.0	2.22	2.19	2.32	
751.0	8.76	135.38	749.3	-13.5	25.7	26.3	2.87	2.53	-9.23	
782.0	9.81	136.96	779.9	-17.1	29.2	31.3	3.49	3.39	5.10	
812.0	10.01	137.75	809.4	-20.9	32.6	36.5	0.81	0.67	2.63	
846.0	10.51	140.73	842.9	-25.5	36.6	42.5	2.14	1.47	8.76	
879.0	11.43	141.24	875.3	-30.4	40.6	48.8	2.80	2.79	1.55	
911.0	11.85	140.60	906.6	-35.4	44.6	55.2	1.37	1.31	-2.00	
943.0	12.34	140.72	937.9	-40.6	48.9	61.9	1.53	1.53	0.38	
975.0	13.09	142.07	969.1	-46.1	53.3	69.0	2.52	2.34	4.22	
1,008.0	13.77	141.02	1,001.2	-52.1	58.0	76.6	2.19	2.06	-3.18	
1,040.0	14.44	142.97	1,032.3	-58.2	62.8	84.4	2.57	2.09	6.09	
1,072.0	15.00	143.06	1,063.2	-64.7	67.7	92.6	1.75	1.75	0.28	
1,104.0	15.48	144.00	1,094.1	-71.5	72.7	101.0	1.69	1.50	2.94	
1,137.0	16.13	144.01	1,125.9	-78.8	78.0	110.0	1.97	1.97	0.03	
1,169.0	16.47	145.42	1,156.6	-86.1	83.2	118.9	1.63	1.06	4.41	
1,201.0	17.05	146.08	1,187.2	-93.7	88.4	128.1	1.91	1.81	2.06	
1,233.0	17.79	146.06	1,217.7	-101.7	93.7	137.7	2.31	2.31	-0.06	
1,266.0	18.22	146.92	1,249.1	-110.2	99.4	147.9	1.53	1.30	2.61	
1,298.0	19.07	146.25	1,279.4	-118.7	105.0	158.1	2.74	2.66	-2.09	
1,330.0	19.41	145.80	1,309.7	-127.5	110.9	168.6	1.16	1.06	-1.41	
1,363.0	19.95	145.24	1,340.7	-136.6	117.2	179.7	1.73	1.64	-1.70	
1,395.0	20.43	145.19	1,370.8	-145.7	123.5	190.7	1.50	1.50	-0.16	
1,459.0	20.67	143.38	1,430.7	-163.9	136.6	213.2	1.06	0.38	-2.83	
1,523.0	21.03	142.70	1,490.5	-182.1	150.3	236.0	0.68	0.56	-1.06	
1,588.0	21.42	143.21	1,551.1	-200.9	164.5	259.5	0.66	0.60	0.78	
1,652.0	21.59	142.02	1,610.6	-219.5	178.7	283.0	0.73	0.27	-1.86	
1,717.0	21.97	141.27	1,671.0	-238.5	193.7	307.1	0.72	0.58	-1.15	
1,781.0	22.65	140.40	1,730.2	-257.3	209.0	331.4	1.18	1.06	-1.36	
1,845.0	22.93	142.17	1,789.2	-276.6	224.5	356.1	1.16	0.44	2.77	
1,909.0	23.21	143.66	1,848.1	-296.6	239.6	381.2	1.01	0.44	2.33	
1,974.0	23.57	143.85	1,907.7	-317.5	254.9	407.0	0.57	0.55	0.29	
2,038.0	23.89	143.64	1,966.3	-338.2	270.1	432.8	0.52	0.50	-0.33	
2,103.0	23.53	142.45	2,025.9	-359.1	285.8	458.9	0.92	-0.55	-1.83	
2,167.0	22.93	141.00	2,084.7	-378.9	301.5	484.1	1.30	-0.94	-2.27	
2,232.0	22.01	138.91	2,144.7	-397.9	317.5	509.0	1.87	-1.42	-3.22	
2,296.0	21.49	138.49	2,204.2	-415.8	333.1	532.6	0.85	-0.81	-0.66	
2,361.0	21.83	137.67	2,264.6	-433.6	349.1	556.5	0.70	0.52	-1.26	
2,425.0	20.81	139.92	2,324.2	-451.1	364.5	579.7	2.04	-1.59	3.52	
2,490.0	19.96	139.55	2,385.1	-468.4	379.1	602.4	1.32	-1.31	-0.57	
2,554.0	19.50	140.97	2,445.4	-485.0	392.9	624.0	1.04	-0.72	2.22	
2,619.0	19.45	141.97	2,506.7	-502.0	406.4	645.6	0.52	-0.08	1.54	
2,683.0	19.65	144.00	2,567.0	-519.1	419.3	667.0	1.11	0.31	3.17	
2,748.0	20.88	144.01	2,627.9	-537.3	432.5	689.5	1.89	1.89	0.02	
2,812.0	20.94	143.69	2,687.7	-555.7	446.0	712.4	0.20	0.09	-0.50	
2,877.0	19.70	142.77	2,748.7	-573.8	459.5	734.9	1.97	-1.91	-1.42	
2,942.0	18.64	142.08	2,810.1	-590.7	472.5	756.3	1.67	-1.63	-1.06	
3,006.0	18.39	145.17	2,870.8	-607.1	484.6	776.6	1.58	-0.39	4.83	
3,071.0	19.07	145.54	2,932.3	-624.2	496.4	797.4	1.06	1.05	0.57	
3,135.0	19.41	144.67	2,992.7	-641.5	508.5	818.5	0.69	0.53	-1.36	
3,200.0	19.37	143.98	3,054.1	-659.1	521.1	840.1	0.36	-0.06	-1.06	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE SRC 14N
Project:	SJB (NM West)	TVD Reference:	GL 6062' & KB 15' @ 6077 0ft (AWS 920)
Site:	SEC 13-T30N-R11W	MD Reference:	GL 6062' & KB 15' @ 6077 0ft (AWS 920)
Well:	NYE SRC 14N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003 21 Single User Db

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)
3,265.0	19.32	143.53	3,115.4	-676.4	533.8	861.6	0.24	-0.08	-0.69
3,329.0	19.31	144.40	3,175.8	-693.5	546.3	882.8	0.45	-0.02	1.36
3,393.0	18.95	144.94	3,236.3	-710.7	558.4	903.7	0.63	-0.56	0.84
3,458.0	18.76	146.80	3,297.8	-728.0	570.2	924.7	0.97	-0.29	2.86
3,522.0	18.75	146.34	3,358.4	-745.2	581.5	945.2	0.23	-0.02	-0.72
3,587.0	19.82	146.39	3,419.7	-763.1	593.4	966.6	1.65	1.65	0.08
3,652.0	19.24	146.20	3,481.0	-781.2	605.5	988.3	0.90	-0.89	-0.29
3,716.0	18.62	145.21	3,541.5	-798.3	617.2	1,009.1	1.09	-0.97	-1.55
3,781.0	18.66	145.99	3,603.1	-815.5	628.9	1,029.8	0.39	0.06	1.20
3,845.0	19.30	146.11	3,663.6	-832.7	640.5	1,050.6	1.00	1.00	0.19
3,910.0	17.83	144.27	3,725.2	-849.7	652.3	1,071.2	2.43	-2.26	-2.83
3,942.0	17.46	143.74	3,755.7	-857.6	658.0	1,080.9	1.26	-1.16	-1.66
3,974.0	17.31	143.37	3,786.3	-865.3	663.7	1,090.5	0.58	-0.47	-1.16
4,006.0	17.36	142.83	3,816.8	-872.9	669.4	1,100.0	0.53	0.16	-1.69
4,038.0	17.21	143.73	3,847.4	-880.5	675.1	1,109.5	0.96	-0.47	2.81
4,071.0	16.85	142.12	3,878.9	-888.2	680.9	1,119.2	1.80	-1.09	-4.88
4,103.0	15.87	142.36	3,909.6	-895.3	686.5	1,128.2	3.07	-3.06	0.75
4,135.0	15.23	141.99	3,940.5	-902.1	691.7	1,136.8	2.02	-2.00	-1.16
4,168.0	14.48	142.62	3,972.4	-908.8	696.9	1,145.3	2.32	-2.27	1.91
4,200.0	13.84	142.21	4,003.4	-915.0	701.7	1,153.1	2.02	-2.00	-1.28
4,232.0	12.90	141.73	4,034.5	-920.8	706.2	1,160.5	2.96	-2.94	-1.50
4,264.0	12.46	140.88	4,065.7	-926.3	710.6	1,167.5	1.49	-1.38	-2.66
4,297.0	11.73	141.35	4,098.0	-931.7	715.0	1,174.4	2.23	-2.21	1.42
4,329.0	11.45	140.96	4,129.4	-936.7	719.0	1,180.8	0.91	-0.88	-1.22
4,361.0	10.82	141.15	4,160.8	-941.5	722.9	1,187.0	1.97	-1.97	0.59
4,393.0	10.36	142.63	4,192.2	-946.2	726.5	1,192.9	1.67	-1.44	4.63
4,425.0	9.52	145.07	4,223.7	-950.6	729.8	1,198.4	2.94	-2.63	7.63
4,458.0	8.83	146.68	4,256.3	-955.0	732.7	1,203.7	2.23	-2.09	4.88
4,490.0	8.17	148.12	4,288.0	-958.9	735.3	1,208.4	2.17	-2.06	4.50
4,522.0	7.40	147.48	4,319.7	-962.6	737.6	1,212.7	2.42	-2.41	-2.00
4,554.0	6.89	148.54	4,351.4	-966.0	739.7	1,216.7	1.65	-1.59	3.31
4,587.0	5.48	150.56	4,384.2	-969.1	741.5	1,220.2	4.32	-4.27	6.12
4,619.0	4.72	151.55	4,416.1	-971.5	742.9	1,223.0	2.39	-2.38	3.09
4,683.0	3.83	147.45	4,479.9	-975.7	745.3	1,227.7	1.47	-1.39	-6.41
4,716.0	4.04	147.38	4,512.8	-977.6	746.5	1,230.0	0.64	0.64	-0.21
4,723.0	3.95	147.27	4,519.8	-978.0	746.8	1,230.5	1.29	-1.29	-1.57
Last SDI MWD Survey									

Checked By: _____	Approved By: _____	Date: _____
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