

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 West Grand Avenue, Artesia, 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 Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35184	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31617	⁵ Property Name STATE GAS COM A	
⁷ OGRID No. 217817	⁶ Operator Name CONOCOPHILLIPS COMPANY	⁸ Well Number 1N
		⁹ Elevation 5891'

¹⁰ Surface Location

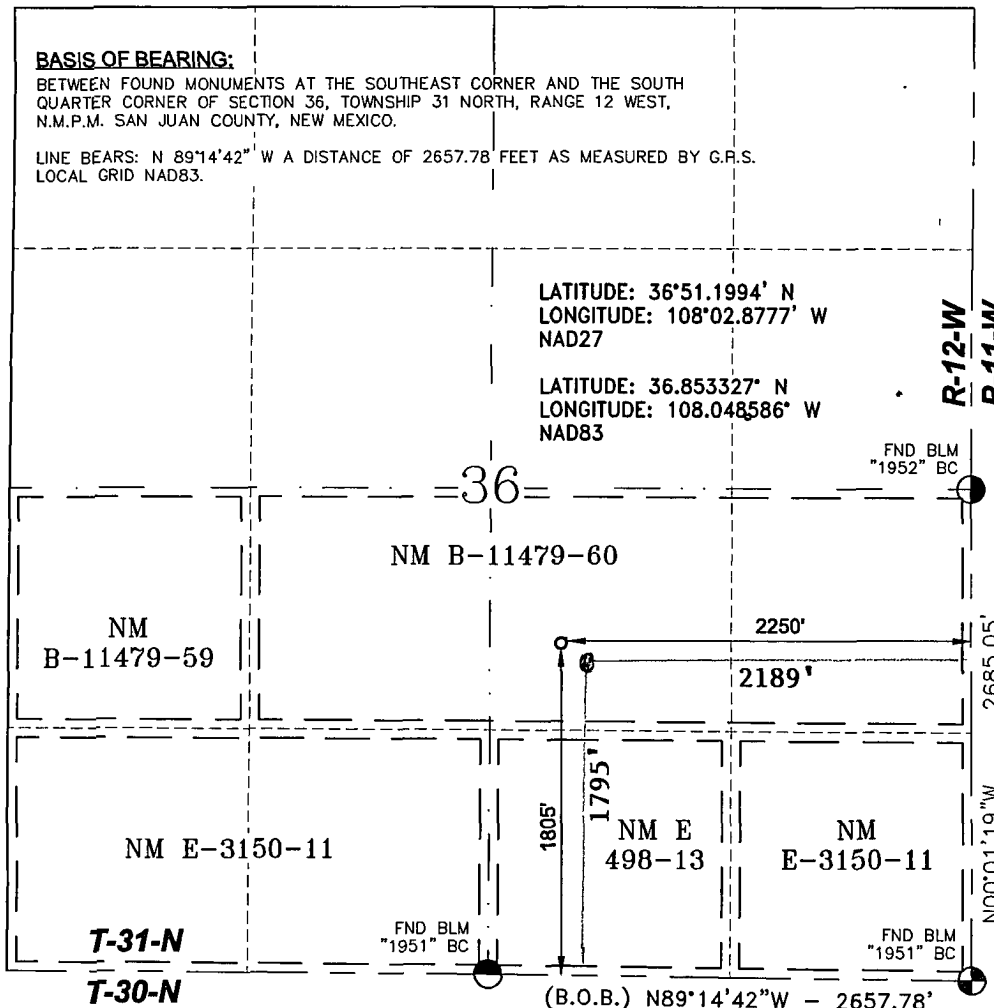
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	36	31-N	12-W		1805	SOUTH	2250	EAST	SAN JUAN

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
j	36	31n	12W		1795'	south	2189'	East	San Juan
¹² Dedicated Acres DK 320.00 ACRES S/2 MV 320.00 ACRES S/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Marie Jaramillo 3/8/12
Printed Name

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.

APRIL 30, 2010

Date of Survey

Signature and Seal of



GLEN W. RUSSELL

Certificate Number

15703



COP Deviation Report
STATE GAS COM A #1N

Operator CONOCOPHILLIPS COMPANY	Legal WellName STATE GAS COM A #1N	API / UWI 3004535184	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 036-031N-012W-J	N/S Dist (ft) 1,805.00	N/S Ref FSL	E/W Dist (ft) 2,250.00	E/W Ref FEL

Survey Data						
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company	
1/18/2012	0.00	0.00	0.00	IncAzi-MWD	Scientific Drilling	
1/16/2012	240.00	1.00		Inc-Drop	Aztec Well Servicing Co Inc	
1/18/2012	263.00	1.94	300.01	IncAzi-MWD	Scientific Drilling	
1/18/2012	324.00	1.29	314.02	IncAzi-MWD	Scientific Drilling	
1/18/2012	386.00	0.73	342.77	IncAzi-MWD	Scientific Drilling	
1/18/2012	448.00	0.74	104.38	IncAzi-MWD	Scientific Drilling	
1/18/2012	509.00	1.16	104.44	IncAzi-MWD	Scientific Drilling	
1/18/2012	571.00	1.24	116.02	IncAzi-MWD	Scientific Drilling	
1/18/2012	631.00	1.14	124.45	IncAzi-MWD	Scientific Drilling	
1/18/2012	693.00	0.95	124.44	IncAzi-MWD	Scientific Drilling	
1/18/2012	757.00	1.02	127.78	IncAzi-MWD	Scientific Drilling	
1/18/2012	821.00	0.79	124.44	IncAzi-MWD	Scientific Drilling	
1/18/2012	884.00	0.78	118.85	IncAzi-MWD	Scientific Drilling	
1/18/2012	947.00	1.04	116.43	IncAzi-MWD	Scientific Drilling	
1/18/2012	1,011.00	1.21	123.39	IncAzi-MWD	Scientific Drilling	
1/18/2012	1,073.00	1.01	131.46	IncAzi-MWD	Scientific Drilling	
1/18/2012	1,136.00	1.42	108.71	IncAzi-MWD	Scientific Drilling	
1/18/2012	1,199.00	1.74	92.33	IncAzi-MWD	Scientific Drilling	
1/18/2012	1,263.00	2.36	98.44	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,326.00	3.29	99.10	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,389.00	3.18	98.00	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,452.00	3.35	94.21	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,515.00	3.53	99.75	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,578.00	3.74	105.28	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,642.00	3.09	110.19	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,705.00	2.59	101.05	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,769.00	2.78	90.48	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,832.00	2.56	94.34	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,895.00	2.46	100.33	IncAzi-MWD	Scientific Drilling	
1/19/2012	1,958.00	2.22	91.44	IncAzi-MWD	Scientific Drilling	
1/19/2012	2,021.00	2.23	87.82	IncAzi-MWD	Scientific Drilling	
1/19/2012	2,083.00	1.75	101.47	IncAzi-MWD	Scientific Drilling	
1/19/2012	2,146.00	1.38	104.23	IncAzi-MWD	Scientific Drilling	
1/19/2012	2,209.00	1.38	94.30	IncAzi-MWD	Scientific Drilling	
1/19/2012	2,273.00	1.46	89.82	IncAzi-MWD	Scientific Drilling	
1/19/2012	2,336.00	1.70	101.29	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 _____

RCVD MAR 9 '12
OIL CONS. DIV.
DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data					
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
1/19/2012	2,399.00	1.55	95.55	IncAzi-MWD	Scientific Drilling
1/19/2012	2,463.00	1.62	107.59	IncAzi-MWD	Scientific Drilling
1/19/2012	2,526.00	1.42	102.02	IncAzi-MWD	Scientific Drilling
1/20/2012	2,720.00	0.50	102.02	Inc-MWD	Scientific Drilling
1/20/2012	3,175.00	0.50	102.02	Inc-MWD	Scientific Drilling
1/20/2012	3,618.00	0.50	102.02	Inc-MWD	Scientific Drilling
1/20/2012	4,050.00	0.50	102.02	Inc-MWD	Scientific Drilling
1/21/2012	4,268.00	0.00	102.02	Inc-MWD	Scientific Drilling
1/31/2012	6,887.00	1.50		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 3/8/12

Miguel Gutierrez
Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14

RCVD MAR 9 '12

OIL CONS. DIV.

DIST. 3

ConocoPhillips

ConocoPhillips

SJB (NM West)

SEC 36-T31N-R12W

State Gas Com A #1N

OH

Design: OH

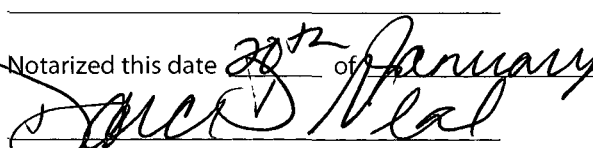
API # 3004535184

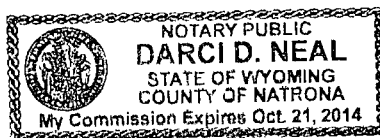
Standard Survey Report

20 January, 2012

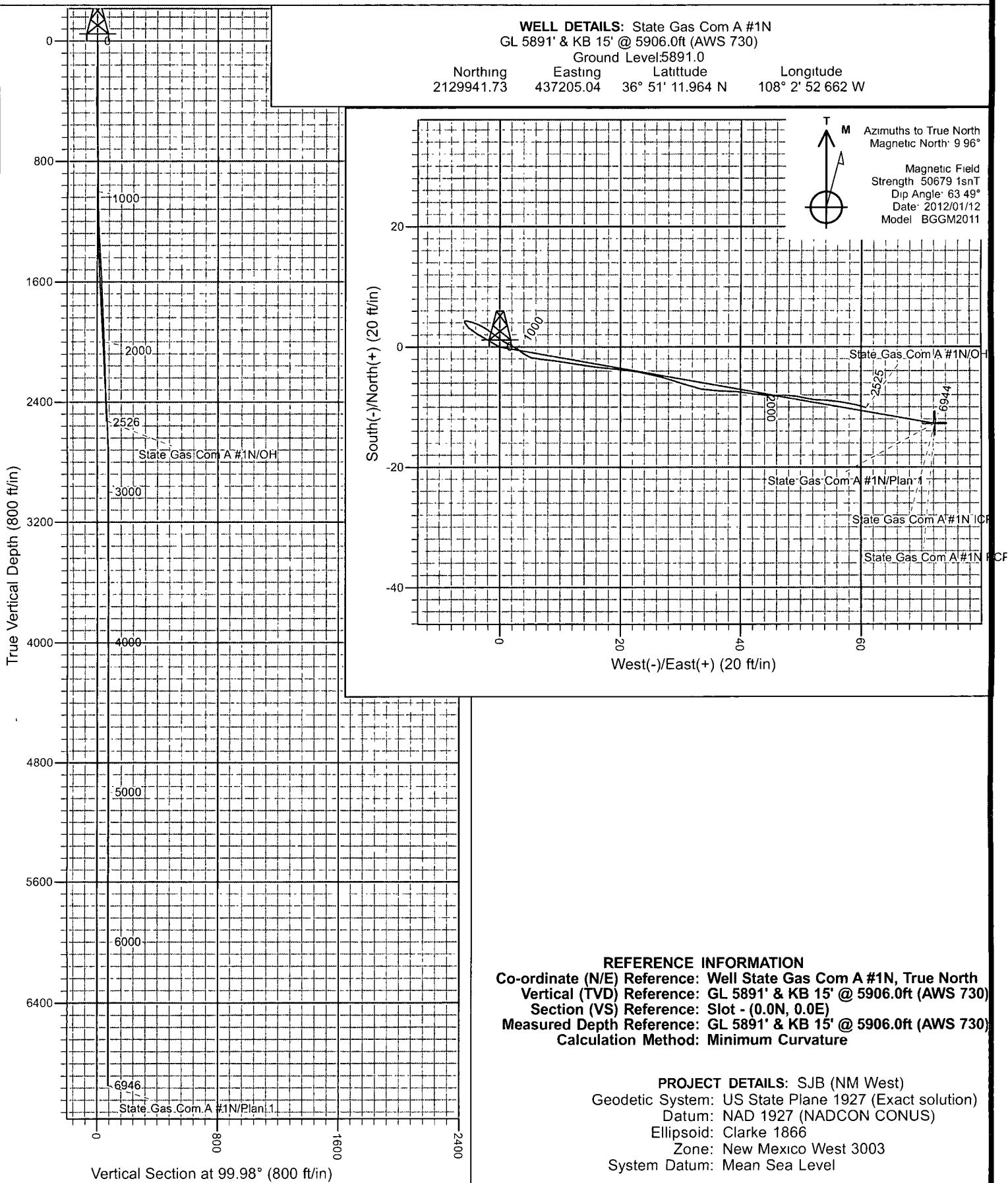
This survey is correct to the best of my knowledge and is supported by actual field data.

Notarized this date 20th of January, 2012.


Notary Signature
County of Natrona
State of Wyoming



Scientific Drilling



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well State Gas Com A #1N
Project:	SJB (NM West)	TVD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site:	SEC 36-T31N-R12W	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Well:	State Gas Com A #1N	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 36-T31N-R12W		
Site Position:		Northing:	2,129,941.73 ft
From:	Lat/Long	Easting:	437,205.04 ft
Position Uncertainty:	0 0 ft	Slot Radius:	"
		Latitude:	36° 51' 11.964 N
		Longitude:	108° 2' 52.662 W
		Grid Convergence:	-0.13 °

Well	State Gas Com A #1N		
Well Position	+N/-S	0 0 ft	Northing: 2,129,941.73 ft
	+E/-W	0 0 ft	Easting: 437,205.04 ft
Position Uncertainty	0 0 ft	Wellhead Elevation:	ft
		Latitude:	36° 51' 11.964 N
		Longitude:	108° 2' 52.662 W
		Ground Level:	5,891.0 ft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	BGGM2011	2012/01/12	9 96
			Dip Angle (°) 63.49
			Field Strength (nT) 50,679

Design	OH		
Audit Notes:			
Version:	1 0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0 0	0.0	0.0
			Direction (°) 99.98

Survey Program	Date	2012/01/20		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
263 0	2,526 0	Survey #1 (OH)	MWD SDI	MWD - Standard ver 1.0.1

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)
0.0	0.00	0 00	0.0	0 0	0 0	0 0	0.00	0 00	0.00
263.0	1.94	300 01	262 9	2.2	-3.9	-4.2	0.74	0.74	0.00
First SDI MWD Survey									
324 0	1.29	314 02	323.9	3.2	-5.2	-5.7	1.24	-1 07	22.97
386 0	0.73	342 77	385.9	4.1	-5.9	-6.5	1.19	-0.90	46.37
448 0	0.74	104.38	447.9	4 4	-5.6	-6.3	2.07	0.02	196.15
509 0	1.16	104.44	508.9	4.1	-4.6	-5.3	0.69	0.69	0.10
571 0	1.24	116 02	570.9	3.7	-3.4	-4.0	0.41	0 13	18.68
631 0	1.14	124 45	630.9	3.0	-2.3	-2.8	0.34	-0 17	14.05
693 0	0.95	124.79	692.9	2.4	-1.4	-1 8	0.31	-0.31	0.55
757.0	1 02	127 78	756.9	1 7	-0.5	-0.8	0.14	0.11	4.67
821.0	0.79	124 44	820 9	1.1	0 3	0.1	0.37	-0.36	-5.22
884.0	0 78	118 85	883.8	0.7	1.0	0.9	0.12	-0.02	-8.87

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well State Gas Com A #1N
Project:	SJB (NM West)	TVD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS 730)
Site:	SEC 36-T31N-R12W	MD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS 730)
Well:	State Gas Com A #1N	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)	
947.0	1.04	116.43	946.8	0.2	1.9	1.9	0.42	0.41	-3.84	
1,011.0	1.21	123.39	1,010.8	-0.4	3.0	3.0	0.34	0.27	10.88	
1,073.0	1.01	131.46	1,072.8	-1.1	4.0	4.1	0.41	-0.32	13.02	
1,136.0	1.42	108.71	1,135.8	-1.7	5.1	5.3	0.99	0.65	-36.11	
1,199.0	1.74	92.33	1,198.8	-2.0	6.8	7.1	0.87	0.51	-26.00	
1,263.0	2.36	98.44	1,262.7	-2.3	9.1	9.3	1.03	0.97	9.55	
1,326.0	3.29	99.10	1,325.7	-2.7	12.2	12.5	1.48	1.48	1.05	
1,389.0	3.18	98.00	1,388.6	-3.3	15.7	16.0	0.20	-0.17	-1.75	
1,452.0	3.35	94.21	1,451.5	-3.6	19.2	19.6	0.44	0.27	-6.02	
1,515.0	3.53	99.75	1,514.3	-4.1	23.0	23.4	0.60	0.29	8.79	
1,578.0	3.74	105.28	1,577.2	-5.0	26.9	27.3	0.65	0.33	8.78	
1,642.0	3.09	110.19	1,641.1	-6.1	30.5	31.1	1.11	-1.02	7.67	
1,705.0	2.59	101.05	1,704.0	-7.0	33.5	34.2	1.07	-0.79	-14.51	
1,769.0	2.78	90.48	1,768.0	-7.3	36.5	37.2	0.83	0.30	-16.52	
1,832.0	2.56	94.34	1,830.9	-7.4	39.4	40.1	0.45	-0.35	6.13	
1,895.0	2.46	100.33	1,893.8	-7.7	42.1	42.8	0.45	-0.16	9.51	
1,958.0	2.22	91.44	1,956.8	-8.0	44.7	45.4	0.69	-0.38	-14.11	
2,021.0	2.23	87.82	2,019.7	-8.0	47.1	47.8	0.22	0.02	-5.75	
2,083.0	1.75	101.47	2,081.7	-8.1	49.3	49.9	1.08	-0.77	22.02	
2,146.0	1.38	104.23	2,144.7	-8.5	50.9	51.7	0.60	-0.59	4.38	
2,209.0	1.38	94.30	2,207.6	-8.8	52.4	53.2	0.38	0.00	-15.76	
2,273.0	1.46	89.82	2,271.6	-8.8	54.0	54.7	0.21	0.13	-7.00	
2,336.0	1.70	101.29	2,334.6	-9.0	55.7	56.5	0.63	0.38	18.21	
2,399.0	1.55	95.55	2,397.6	-9.3	57.5	58.2	0.35	-0.24	-9.11	
2,463.0	1.62	107.59	2,461.6	-9.6	59.2	60.0	0.53	0.11	18.81	
2,526.0	1.42	102.02	2,524.5	-10.1	60.8	61.7	0.39	-0.32	-8.84	
Last SDI MWD Survey										

Checked By: _____	Approved By: _____	Date: _____
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