

Submit 3 Copies To Appropriate District Office
 District I
 1625 N French Dr, Hobbs, NM 88240
 District II
 1301 W. Grand Ave, 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 and Natural Resources

Form C-103
 Jun 19, 2008

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

WELL API NO. 30-045-35184
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-11479-60
7. Lease Name or Unit Agreement Name State Gas Com A
8. Well Number 01N
9. OGRID Number 217817
10. Pool name or Wildcat Basin Dakota/Blanco MV

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location
 Unit Letter **J** : **1805** feet from the **South** line and **2250** feet from the **East** line
 Section **36** Township **31N** Range **12W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 ' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input checked="" type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This well is twinned with an existing well and plans are to use directional tools to nudge away from the existing well's wellbore to avoid collision issues. Upon completion of the well, COPC will supply a certified directional survey, the completion reports which will indicate the bottomhole location and an "as drilled plat" will also be supplied with the completion paperwork.

Hold C104
 for Directional Survey
 and "As Drilled" plat

RCVD JAN 13 '12
 OIL CONS. DIV.
 DIST. 3

Spud Date: Rig Released Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patsy Clugston TITLE Sr. Regulatory Specialist DATE 1/12/12

Type or print name Patsy Clugston E-mail address: Patsy.L.Clugston@conocophillips.com PHONE: 505-326-9518

For State Use Only

APPROVED BY: Charles TITLE **SUPERVISOR DISTRICT # 3** DATE **FEB 06 2012**
 Conditions of Approval (if any):

A

RCVD JAN 18 '12
OIL CONS. DIV.
DIST. 3



ConocoPhillips

SJB (NM West)

SEC 36-T31N-R12W

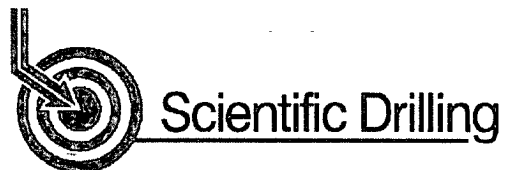
State Gas Com A #1N

OH *30-045-35184*

Plan: Plan 1

Standard Planning Report

12 January, 2012





Scientific Drilling
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well State Gas Com A #1N
Company:	ConocoPhillips	TVD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site:	SEC 36-T31N-R12W	North Reference:	True
Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

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	Latitude:	36° 51' 11.964 N
From:	Lat/Long	Easting:	437,205.04 ft	Longitude:	108° 2' 52.662 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.13 °

Well	State Gas Com A #1N					
Well Position	+N-S	0.0 ft	Northing:	2,129,941.73 ft	Latitude:	36° 51' 11.964 N
	+E-W	0.0 ft	Easting:	437,205.04 ft	Longitude:	108° 2' 52.662 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,891.0 ft

Wellbore	OH				
Magnetics:	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	2012/01/12	9.96	63.49	50,679

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

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	3.00	100.00	1,399.9	-1.4	7.7	1.00	1.00	0.00	100.00	
2,500.0	3.00	-100.00	2,498.4	-11.4	64.4	0.00	0.00	0.00	0.00	
2,800.0	0.00	100.00	2,798.2	-12.7	72.2	1.00	-1.00	0.00	180.00	
4,253.8	0.00	100.00	4,252.0	-12.7	72.2	0.00	0.00	0.00	100.00	State Gas Com A #1N
6,945.8	0.00	100.00	6,944.0	-12.7	72.2	0.00	0.00	0.00	100.00	State Gas Com A #1N

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well State Gas Com A #1N
Company:	ConocoPhillips	TVD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site:	SEC 36-T31N-R12W	North Reference:	True
Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
Surface Casing										
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
744.0	0.00	0.00	744.0	0.0	0.0	0.0	0.00	0.00	0.00	
Ojo Alamo										
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
853.0	0.00	0.00	853.0	0.0	0.0	0.0	0.00	0.00	0.00	
Kirtland										
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	1.00	100.00	1,200.0	-0.2	0.9	0.9	1.00	1.00	0.00	
1,300.0	2.00	100.00	1,300.0	-0.6	3.4	3.5	1.00	1.00	0.00	
1,400.0	3.00	100.00	1,399.9	-1.4	7.7	7.9	1.00	1.00	0.00	
1,500.0	3.00	100.00	1,499.7	-2.3	12.9	13.1	0.00	0.00	0.00	
1,600.0	3.00	100.00	1,599.6	-3.2	18.0	18.3	0.00	0.00	0.00	
1,700.0	3.00	100.00	1,699.5	-4.1	23.2	23.6	0.00	0.00	0.00	
1,728.6	3.00	100.00	1,728.0	-4.3	24.7	25.0	0.00	0.00	0.00	
Fruitland										
1,800.0	3.00	100.00	1,799.3	-5.0	28.3	28.8	0.00	0.00	0.00	
1,900.0	3.00	100.00	1,899.2	-5.9	33.5	34.0	0.00	0.00	0.00	
2,000.0	3.00	100.00	1,999.0	-6.8	38.7	39.3	0.00	0.00	0.00	
2,100.0	3.00	100.00	2,098.9	-7.7	43.8	44.5	0.00	0.00	0.00	
2,200.0	3.00	100.00	2,198.8	-8.6	49.0	49.7	0.00	0.00	0.00	
2,300.0	3.00	100.00	2,298.6	-9.5	54.1	55.0	0.00	0.00	0.00	
2,315.4	3.00	100.00	2,314.0	-9.7	54.9	55.8	0.00	0.00	0.00	
Pictured Cliffs										
2,400.0	3.00	100.00	2,398.5	-10.5	59.3	60.2	0.00	0.00	0.00	
2,483.6	3.00	100.00	2,482.0	-11.2	63.6	64.6	0.00	0.00	0.00	
Lewis										
2,500.0	3.00	100.00	2,498.4	-11.4	64.4	65.4	0.00	0.00	0.00	
2,600.0	2.00	100.00	2,598.3	-12.1	68.7	69.8	1.00	-1.00	0.00	
2,700.0	1.00	100.00	2,698.2	-12.6	71.3	72.4	1.00	-1.00	0.00	
2,800.0	0.00	100.00	2,798.2	-12.7	72.2	73.3	1.00	-1.00	0.00	
2,900.0	0.00	100.00	2,898.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,000.0	0.00	100.00	2,998.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,055.8	0.00	100.00	3,054.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Huerfano Bentonite										
3,100.0	0.00	100.00	3,098.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,200.0	0.00	100.00	3,198.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,300.0	0.00	100.00	3,298.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,385.8	0.00	100.00	3,384.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Chacra										
3,400.0	0.00	100.00	3,398.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,500.0	0.00	100.00	3,498.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,600.0	0.00	100.00	3,598.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,700.0	0.00	100.00	3,698.2	-12.7	72.2	73.3	0.00	0.00	0.00	

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well State Gas Com A #1N
Company:	ConocoPhillips	TVD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS:730)
Project:	SJB (NM West)	MD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS 730)
Site:	SEC 36-T31N-R12W	North Reference:	True
Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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)	
3,800.0	0.00	100.00	3,798.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,847.8	0.00	100.00	3,846.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Upper Cliff House										
3,900.0	0.00	100.00	3,898.2	-12.7	72.2	73.3	0.00	0.00	0.00	
3,992.8	0.00	100.00	3,991.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Massive Cliff House										
4,000.0	0.00	100.00	3,998.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,100.0	0.00	100.00	4,098.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,103.8	0.00	100.00	4,102.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Menefee										
4,200.0	0.00	100.00	4,198.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,253.8	0.00	100.00	4,252.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Intermediate Casing										
4,300.0	0.00	100.00	4,298.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,400.0	0.00	100.00	4,398.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,500.0	0.00	100.00	4,498.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,593.8	0.00	100.00	4,592.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Point Lookout										
4,600.0	0.00	100.00	4,598.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,700.0	0.00	100.00	4,698.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,800.0	0.00	100.00	4,798.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,900.0	0.00	100.00	4,898.2	-12.7	72.2	73.3	0.00	0.00	0.00	
4,988.8	0.00	100.00	4,987.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Mancos										
5,000.0	0.00	100.00	4,998.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,100.0	0.00	100.00	5,098.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,200.0	0.00	100.00	5,198.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,300.0	0.00	100.00	5,298.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,400.0	0.00	100.00	5,398.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,500.0	0.00	100.00	5,498.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,600.0	0.00	100.00	5,598.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,700.0	0.00	100.00	5,698.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,800.0	0.00	100.00	5,798.2	-12.7	72.2	73.3	0.00	0.00	0.00	
5,894.8	0.00	100.00	5,893.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Upper Gallup										
5,900.0	0.00	100.00	5,898.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,000.0	0.00	100.00	5,998.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,100.0	0.00	100.00	6,098.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,200.0	0.00	100.00	6,198.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,300.0	0.00	100.00	6,298.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,400.0	0.00	100.00	6,398.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,500.0	0.00	100.00	6,498.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,600.0	0.00	100.00	6,598.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,639.8	0.00	100.00	6,638.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Greenhorn										
6,693.8	0.00	100.00	6,692.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Graneros										
6,700.0	0.00	100.00	6,698.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,752.8	0.00	100.00	6,751.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Two Wells										
6,800.0	0.00	100.00	6,798.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,816.8	0.00	100.00	6,815.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Paguate										

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well State Gas Com A #1N
Company:	ConocoPhillips	TVD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site:	SEC 36-T31N-R12W	North Reference:	True
Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned 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)	
6,859.8	0.00	100.00	6,858.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Lower Cubero										
6,900.0	0.00	100.00	6,898.2	-12.7	72.2	73.3	0.00	0.00	0.00	
6,905.8	0.00	100.00	6,904.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Encinal										
6,945.8	0.00	100.00	6,944.0	-12.7	72.2	73.3	0.00	0.00	0.00	
Production Casing										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
State Gas Com A #1N IC - hit/miss target - Shape - Point	0.00	0.00	4,252.0	-12.7	72.2	2,129,928.87	437,277.20	36° 51' 11.838 N	108° 2' 51.774 W	
State Gas Com A #1N P - plan hits target center - Point	0.00	0.00	6,944.0	-12.7	72.2	2,129,928.87	437,277.20	36° 51' 11.838 N	108° 2' 51.774 W	

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
200.0	200.0	Surface Casing	9-5/8	12-1/4		
4,253.8	4,252.0	Intermediate Casing	7	8-3/4		
6,945.8	6,944.0	Production Casing	4-1/2	6-1/4		

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well State Gas Com A #1N
Company:	ConocoPhillips	TVD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Project:	SJB (NM West)	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site:	SEC 36-T31N-R12W	North Reference:	True
Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
744.0	744.0	Ojo Alamo		0.00	
853.0	853.0	Kirtland		0.00	
1,728.6	1,728.0	Fruitland		0.00	
2,315.4	2,314.0	Pictured Cliffs		0.00	
2,483.6	2,482.0	Lewis		0.00	
3,055.8	3,054.0	Huerfanito Bentonite		0.00	
3,385.8	3,384.0	Chacra		0.00	
3,847.8	3,846.0	Upper Cliff House		0.00	
3,992.8	3,991.0	Massive Cliff House		0.00	
4,103.8	4,102.0	Menefee		0.00	
4,593.8	4,592.0	Point Lookout		0.00	
4,988.8	4,987.0	Mancos		0.00	
5,894.8	5,893.0	Upper Gallup		0.00	
6,639.8	6,638.0	Greenhorn		0.00	
6,693.8	6,692.0	Graneros		0.00	
6,752.8	6,751.0	Two Wells		0.00	
6,816.8	6,815.0	Paguate		0.00	
6,859.8	6,858.0	Lower Cubero		0.00	
6,905.8	6,904.0	Encinal		0.00	
	6,996.0	Burro Canyon		0.00	
	7,027.0	Morrison		0.00	

RCVD JAN 18 '12

OIL CONS. DIV.

DIST. 37

ConocoPhillips

ConocoPhillips

SJB (NM West)

SEC 36-T31N-R12W

State Gas Com A #1N

OH

Plan 1

30-045-35184

Anticollision Report

12 January, 2012



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)
Reference Site:	SEC 36-T31N-R12W	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site Error:	0.0ft	North Reference:	True
Reference Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 2003.21 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Reference	Plan 1		
Filter type:	NO GLOBAL FILTER. Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D.
Results Limited by:	Maximum center-center distance of 894.4ft	Error Surface:	Combined Covariances
Warning Levels Evaluated at:	2.89 Sigma		

Survey Tool Program	Date	2012/01/12		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	6,945.8	Plan 1 (OH)	MWD	MWD - Standard ISCWSA

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 36-T31N-R12W						
State Gas Com A #100S - OH - OH	1,166.7	1,167.6	70.1	33.1	1.895	Caution - Monitor Closely, C
State Gas Com A #100S - OH - OH	1,400.0	1,401.1	74.3	30.2	1.683	Caution - Monitor Closely, E
State Gas Com A #100S - OH - OH	2,400.0	2,399.8	110.7	37.3	1.509	Caution - Monitor Closely, S

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 65-INC+TREND												Offset Well Error:	0.0 ft
Reference													
Offset													
Semi Major Axis													
Distance													
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+EJ-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-80.29	13.3	-78.0	79.2	78.2	0.91	88.823	
100.0	100.0	100.7	100.7	0.2	1.6	-80.27	13.2	-77.2	78.4	75.2	3.11	25.188	
200.0	200.0	200.4	200.4	0.5	3.6	-80.26	13.2	-76.7	77.8	71.9	5.93	13.121	
300.0	300.0	300.5	300.5	0.8	5.7	-80.25	13.1	-76.1	77.2	68.6	8.59	8.988	
400.0	400.0	400.6	400.6	1.1	7.8	-80.23	13.0	-75.4	76.5	65.0	11.51	6.649	
500.0	500.0	500.7	500.7	1.4	9.8	-80.21	12.9	-74.6	75.7	61.3	14.44	5.245	
600.0	600.0	600.7	600.7	1.7	12.3	-80.19	12.8	-73.8	74.9	57.0	17.91	4.181	
700.0	700.0	700.7	700.6	2.0	14.8	-80.17	12.8	-72.9	74.0	52.6	21.38	3.461	
800.0	800.0	800.7	800.6	2.3	17.2	-80.15	12.5	-72.0	73.1	48.3	24.85	2.942	
900.0	900.0	900.7	900.6	2.8	19.7	-80.13	12.4	-71.2	72.2	43.9	28.32	2.551	
1,000.0	1,000.0	1,000.7	1,000.6	2.9	22.2	-80.10	12.3	-70.3	71.4	39.6	31.79	2.245	Caution - Monitor Closely
1,100.0	1,100.0	1,100.8	1,100.7	3.2	24.6	-80.08	12.1	-69.4	70.4	35.5	34.91	2.017	Caution - Monitor Closely
1,166.7	1,166.7	1,167.6	1,167.5	3.4	26.1	-179.94	12.0	-68.6	70.1	33.1	36.98	1.895	Caution - Monitor Closely, CC
1,200.0	1,200.0	1,200.9	1,200.9	3.4	26.9	-179.95	12.0	-68.2	70.1	32.1	38.01	1.848	Caution - Monitor Closely
1,300.0	1,300.0	1,301.0	1,301.0	3.6	29.2	-179.99	11.8	-66.9	71.5	30.4	41.09	1.739	Caution - Monitor Closely
1,400.0	1,399.9	1,401.1	1,401.0	3.7	31.6	-179.97	11.6	-65.5	74.3	30.2	44.18	1.683	Caution - Monitor Closely, ES
1,500.0	1,499.7	1,501.2	1,501.1	3.9	33.9	-179.93	11.4	-63.8	77.9	30.8	47.27	1.648	Caution - Monitor Closely
1,600.0	1,599.6	1,601.1	1,601.0	4.1	36.4	-179.89	11.1	-62.1	81.4	31.1	50.27	1.619	Caution - Monitor Closely
1,700.0	1,699.5	1,701.0	1,700.9	4.3	38.8	-179.85	10.9	-60.4	84.9	31.8	53.28	1.593	Caution - Monitor Closely
1,800.0	1,799.3	1,801.0	1,800.9	4.6	41.2	-179.82	10.8	-58.6	88.4	32.1	56.29	1.570	Caution - Monitor Closely
1,900.0	1,899.2	1,900.9	1,900.8	4.8	43.7	-179.79	10.4	-56.9	91.9	32.6	59.31	1.549	Caution - Monitor Closely
2,000.0	1,999.0	2,000.9	2,000.7	5.0	46.1	-179.76	10.1	-55.2	95.4	33.1	62.32	1.530	Caution - Monitor Closely
2,100.0	2,098.9	2,100.8	2,100.5	5.3	48.2	-179.73	9.9	-53.5	98.9	33.9	65.08	1.520	Caution - Monitor Closely
2,200.0	2,198.8	2,200.4	2,200.2	5.6	50.4	-179.71	9.7	-52.1	102.7	34.8	67.85	1.514	Caution - Monitor Closely

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Scientific Drilling
Anticollision Report



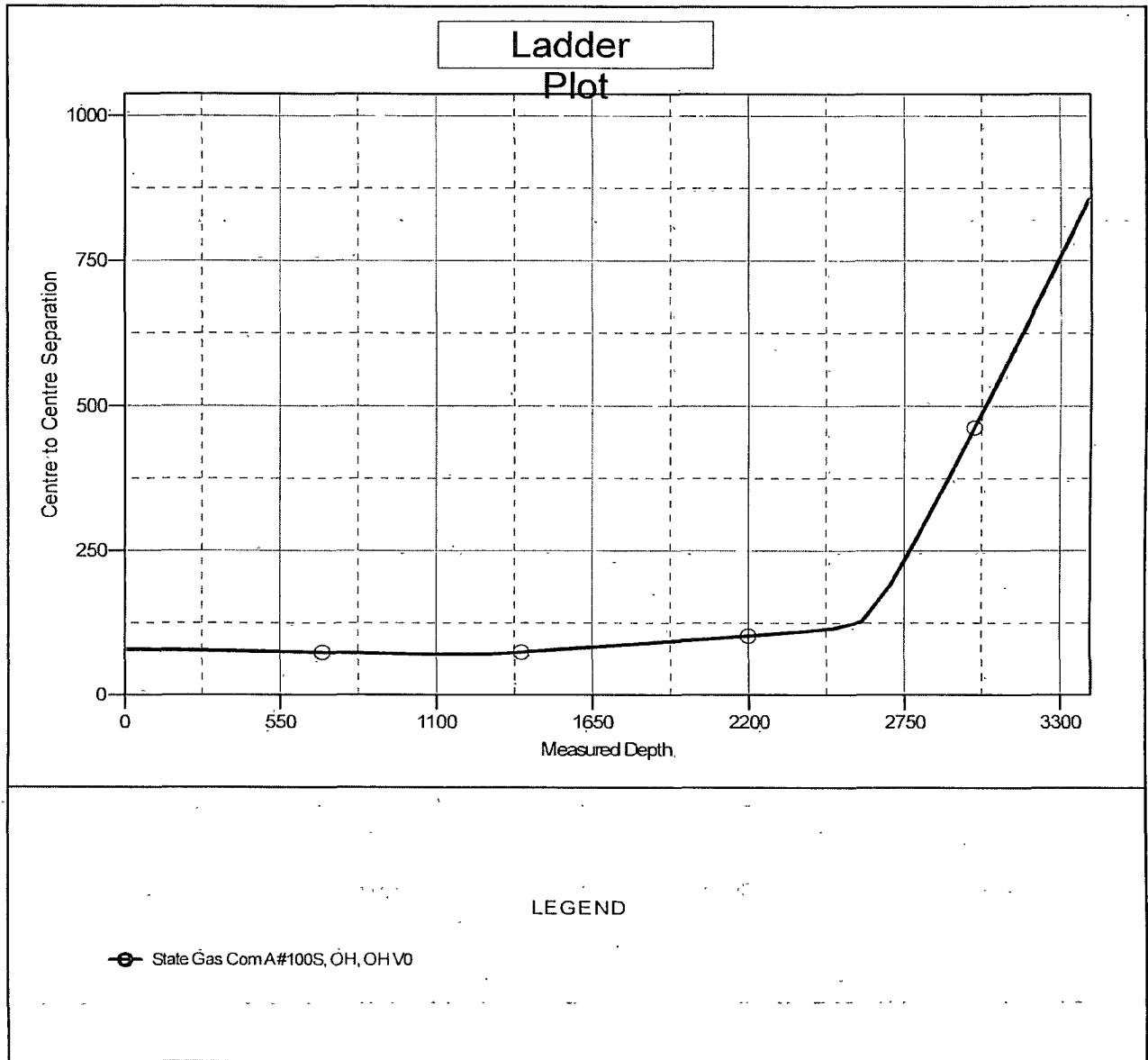
Company:	ConocoPhillips	Local Co-ordinate Reference:	Well State Gas Com A #1N
Project:	SJB (NM West)	TVD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS 730)
Reference Site:	SEC 36-T31N-R12W	MD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS 730)
Site Error:	0 0ft	North Reference:	True
Reference Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Well Error:	0,0ft	Output errors are at	2 00 sigma
Reference Wellbore:	OH	Database:	EDM 2003.21 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0 0 ft
Survey Program: 65-INC+TREND													Offset Well Error:	0 0 ft
SEC 36-T31N-R12W - State Gas Com A #100S - OH - OH														
Reference	Offset		Semi Major Axis			Distance				Separation		Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E/W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,300.0	2,298.6	2,300.1	2,299.9	5.8	52.5	-179.70	9.5	-50.8	108.6	36.0	70.62	1.510	Caution - Monitor Closely	
2,400.0	2,398.5	2,399.8	2,399.7	6.1	54.7	-179.69	9.4	-49.7	110.7	37.3	73.39	1.509	Caution - Monitor Closely, SF	
2,500.0	2,498.4	2,500.0	2,499.8	6.4	58.8	-179.69	9.2	-48.7	115.0	38.8	76.17	1.510	Caution - Monitor Closely	
2,600.0	2,598.3	2,551.0	2,550.8	6.6	58.0	-179.68	9.1	-47.8	127.6	55.9	71.77	1.778	Caution - Monitor Closely	
2,700.0	2,698.2	2,551.0	2,550.8	6.7	58.0	-179.68	9.1	-47.8	190.8	141.8	48.97	3.896		
2,800.0	2,798.2	2,551.0	2,550.8	6.8	58.0	-79.69	9.1	-47.8	275.8	241.6	34.24	8.057		
2,900.0	2,898.2	2,551.0	2,550.8	6.9	58.0	-79.69	9.1	-47.8	368.2	342.3	25.87	14.234		
3,000.0	2,998.2	2,551.0	2,550.8	7.2	58.0	-79.69	9.1	-47.8	463.7	442.9	20.81	22.284		
3,100.0	3,098.2	2,551.0	2,550.8	7.4	58.0	-79.69	9.1	-47.8	560.8	543.3	17.51	32.025		
3,200.0	3,198.2	2,551.0	2,550.8	7.7	58.0	-79.69	9.1	-47.8	658.8	643.6	15.24	43.235		
3,300.0	3,298.2	2,551.0	2,550.8	8.0	58.0	-79.69	9.1	-47.8	757.3	743.7	13.60	55.665		
3,400.0	3,398.2	2,551.0	2,550.8	8.2	58.0	-79.69	9.1	-47.8	856.2	843.8	12.40	69.052		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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)
Reference Site:	SEC 36-T31N-R12W	MD Reference:	GL 5891' & KB 15' @ 5906 0ft (AWS 730)
Site Error:	0.0ft	North Reference:	True
Reference Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at:	2.00 sigma
Reference Wellbore:	OH	Database:	EDM 2003.21 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 5891' & KB 15' @ 5906 0ft (AWS) Coordinates are relative to State Gas Com A #1N
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), New Mexico West 30
 Central Meridian is 107° 50' 0 000 W° Grid Convergence at Surface is -0 13°



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)
Reference Site:	SEC 36-T31N-R12W	MD Reference:	GL 5891' & KB 15' @ 5906.0ft (AWS 730)
Site Error:	0.0ft	North Reference:	True
Reference Well:	State Gas Com A #1N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore:	OH	Database:	EDM 2003.21 Single User Db
Reference Design:	Plan 1	Offset, TVD Reference:	Offset Datum

Reference Depths are relative to GL 5891' & KB 15' @ 5906.0ft (AWS)
Offset Depths are relative to Offset Datum
Central Meridian is 107° 50' 0 000 W°

Coordinates are relative to State Gas Com A #1N
Coordinate System is US State Plane 1927 (Exact solution), New Mexico West 30
Gnd Convergence at Surface is -0 13°

