

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
March 4, 2004

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

WELL API NO. 30-045-34354
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-70-26
7. Lease Name or Unit Agreement Name State Com AG
8. Well Number #29M
9. OGRID Number 217817
10. Pool name or Wildcat Blanco Mesa Verde/Basin Dakota

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

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

4. Well Location
Unit Letter E : 2135 feet from the North line and 1075 feet from the West line
Section 36 Township 29N Range 10W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5610

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: Intermediate depth ☒	OTHER: RCVD SEP 14 '07 OIL CONS. DIV. DIST. 3

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.

ConocoPhillips respectfully requests to change the intermediate casing depth. The original APD approved depth was at 2300'. We are requesting the intermediate depth be 3798'. This will allow us to deep set into the Menefee.

Please see attached and revised Scientific Drilling Plan.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tracey N. Monroe TITLE Regulatory Technician DATE 9/13/07

Type or print name Tracey N. Monroe E-mail address: Tracey.N.Monroe@conocophillips.com Telephone No. 505-326-9752

(This space for State use)

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE OCT 11 2007
Conditions of approval, if any:

[Handwritten mark]



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

**SAN JUAN BASIN
SEC 36-T29N-R10W
State Com AG 29M
OH**

RCVD SEP 14 '07

OIL CONS. DIV.

DIST. 3

Plan: Plan #2

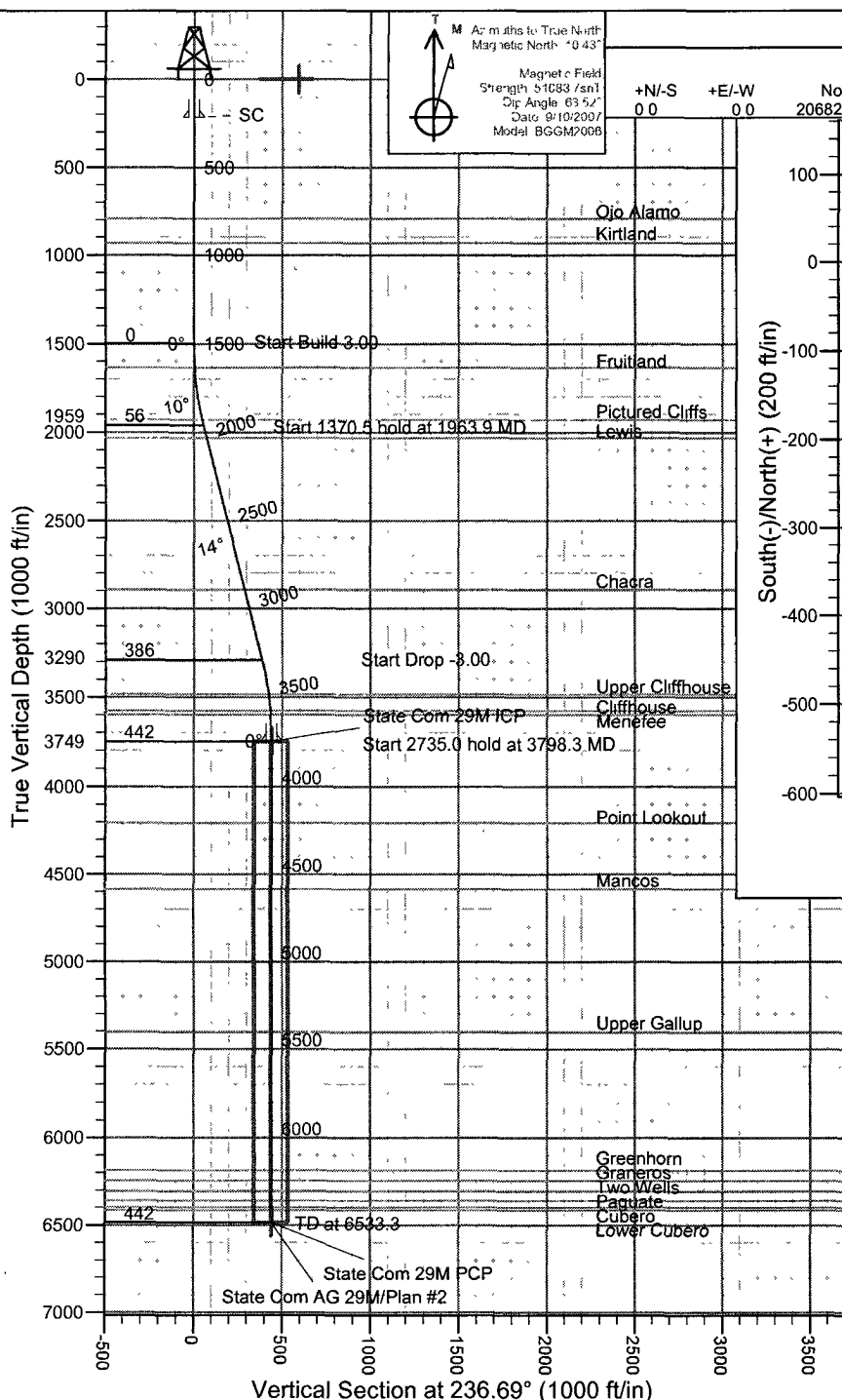
Standard Planning Report

12 September, 2007

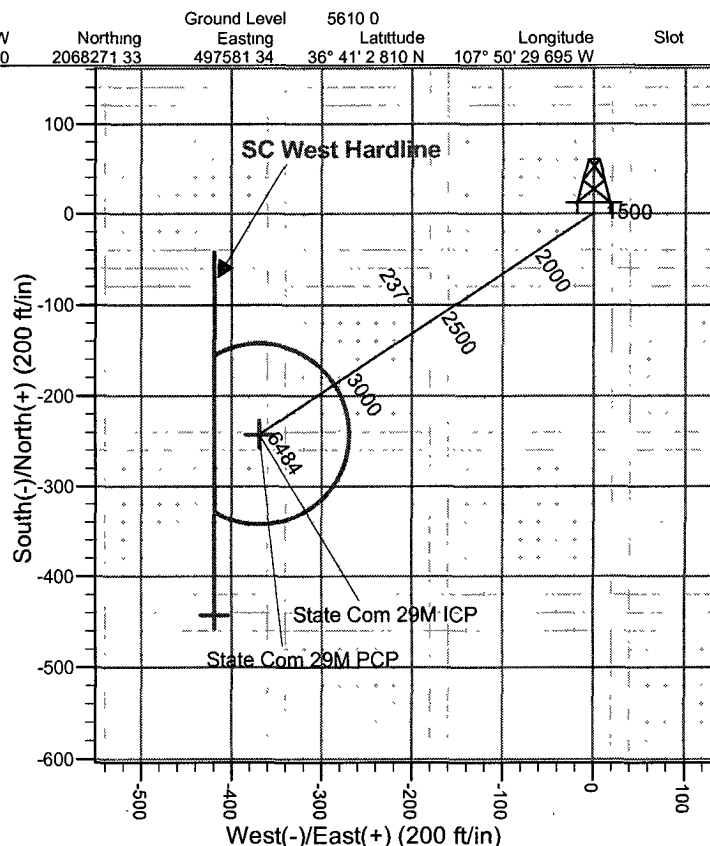

ConocoPhillips



Project: SAN JUAN BASIN
Site: SEC 36-T29N-R10W
Well: State Com AG 29M
Wellbore: OH
Design: Plan #2



WELL DETAILS: State Com AG 29M



PROJECT DETAILS: SAN JUAN BASIN

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

SITE DETAILS: SEC 36-T29N-R10W

Farmington
Site Centre Latitude: 36° 41' 2.810 N
Longitude: 107° 50' 29.695 W
Positional Uncertainty: 7.5
Convergence: 0.00
Local North: True

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: State Com AG 29M, True North
Vertical (TVD) Reference: RKB @ 5625.0ft
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: RKB @ 5625.0ft
Calculation Method: Minimum Curvature

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1963.9	13.92	236.69	1959.4	-30.8	-46.9	3.00	236.69	56.1	
4	3334.4	13.92	236.69	3289.6	-211.8	-322.3	0.00	0.00	385.7	
5	3798.3	0.00	0.00	3749.0	-242.6	-369.2	3.00	180.00	441.8	State Com 29M ICP
6	6533.3	0.00	0.00	6484.0	-242.6	-369.2	0.00	0.00	441.8	State Com 29M PCP

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SC West Hardline	0.0	-442.6	-419.2	2067828.80	497162.13	36° 40' 58.434 N	107° 50' 34.841 W	Polygon
State Com 29M ICP	3749.0	-242.6	-369.2	2068028.78	497212.15	36° 41' 0.412 N	107° 50' 34.228 W	Circle (Radius 100.0)
State Com 29M PCP	6484.0	-242.6	-369.2	2068028.78	497212.15	36° 41' 0.412 N	107° 50' 34.228 W	Circle (Radius 100.0)



Scientific Drilling Planning Report



Database: EDM 2003.16 Single User Db
Company: ConocoPhillips
Project: SAN JUAN BASIN
Site: SEC 36-T29N-R10W
Well: State Com AG 29M
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well State Com AG 29M
TVD Reference: RKB @ 5625.0ft
MD Reference: RKB @ 5625.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project: SAN JUAN BASIN, NEW MEXICO
Map System: US State Plane 1927 (Exact solution)
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico West 3003
System Datum: Mean Sea Level
Using Well Reference Point
Using geodetic scale factor

Site: SEC 36-T29N-R10W
Site Position: Northing: 2,068,271.33 ft Latitude: 36° 41' 2 810 N
From: Lat/Long Easting: 497,581.34 ft Longitude: 107° 50' 29.695 W
Position Uncertainty: 15.0 ft Slot Radius: 12-1/4" Grid Convergence: 0.00 °

Well: State Com AG 29M
Well Position: +N/-S 0.0 ft Northing: 2,068,271.33 ft Latitude: 36° 41' 2 810 N
+E/-W 0.0 ft Easting: 497,581.34 ft Longitude: 107° 50' 29.695 W
Position Uncertainty: 15.0 ft Wellhead Elevation: ft Ground Level: 5,610.0 ft

Wellbore: OH
Magnetics: Model Name Sample Date Declination Dip Angle Field Strength
(°) (°) (nT)
BGGM2006 9/10/2007 10.43 63.52 51,089

Design: Plan #2
Audit Notes:
Version: Phase: PLAN Tie On Depth: 0.0
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
(ft) (ft) (ft) (°)
0.0 0.0 0.0 236.69

Plan Sections										
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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,963.9	13.92	236.69	1,959.4	-30.8	-46.9	3.00	3.00	0.00	236.69	
3,334.4	13.92	236.69	3,289.6	-211.8	-322.3	0.00	0.00	0.00	0.00	
3,798.3	0.00	0.00	3,749.0	-242.6	-369.2	3.00	-3.00	0.00	180.00	State Com 29M ICF
6,533.3	0.00	0.00	6,484.0	-242.6	-369.2	0.00	0.00	0.00	0.00	State Com 29M PC

Database: EDM 2003.16 Single User Db
Company: ConocoPhillips
Project: SAN JUAN BASIN
Site: SEC 36-T29N-R10W
Well: State Com AG 29M
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well State Com AG 29M
TVD Reference: RKB @ 5625.0ft
MD Reference: RKB @ 5625.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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
SC West Hardline									
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
216.0	0.00	0.00	216.0	0.0	0.0	0.0	0.00	0.00	0.00
SC									
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
795.0	0.00	0.00	795.0	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
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
931.0	0.00	0.00	931.0	0.0	0.0	0.0	0.00	0.00	0.00
Kirtland									
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	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	3.00	236.69	1,600.0	-1.4	-2.2	2.6	3.00	3.00	0.00
1,634.1	4.02	236.69	1,634.0	-2.6	-3.9	4.7	3.00	3.00	0.00
Fruitland									
1,700.0	6.00	236.69	1,699.6	-5.7	-8.7	10.5	3.00	3.00	0.00
1,800.0	9.00	236.69	1,798.8	-12.9	-19.7	23.5	3.00	3.00	0.00
1,900.0	12.00	236.69	1,897.1	-22.9	-34.9	41.7	3.00	3.00	0.00
1,932.7	12.98	236.69	1,929.0	-26.8	-40.8	48.8	3.00	3.00	0.00
Pictured Cliffs									
1,963.9	13.92	236.69	1,959.4	-30.8	-46.9	56.1	3.00	3.00	0.00
2,000.0	13.92	236.69	1,994.4	-35.6	-54.1	64.7	0.00	0.00	0.00
2,037.7	13.92	236.69	2,031.0	-40.5	-61.7	73.8	0.00	0.00	0.00
Lewis									
2,100.0	13.92	236.69	2,091.5	-48.8	-74.2	88.8	0.00	0.00	0.00
2,200.0	13.92	236.69	2,188.5	-62.0	-94.3	112.9	0.00	0.00	0.00
2,300.0	13.92	236.69	2,285.6	-75.2	-114.4	136.9	0.00	0.00	0.00
2,400.0	13.92	236.69	2,382.6	-88.4	-134.5	161.0	0.00	0.00	0.00
2,500.0	13.92	236.69	2,479.7	-101.6	-154.6	185.0	0.00	0.00	0.00
2,600.0	13.92	236.69	2,576.8	-114.8	-174.7	209.1	0.00	0.00	0.00
2,700.0	13.92	236.69	2,673.8	-128.0	-194.8	233.1	0.00	0.00	0.00
2,800.0	13.92	236.69	2,770.9	-141.2	-214.9	257.2	0.00	0.00	0.00
2,900.0	13.92	236.69	2,868.0	-154.4	-235.0	281.2	0.00	0.00	0.00
2,925.8	13.92	236.69	2,893.0	-157.8	-240.2	287.4	0.00	0.00	0.00
Chacra									
3,000.0	13.92	236.69	2,965.0	-167.6	-255.1	305.3	0.00	0.00	0.00
3,100.0	13.92	236.69	3,062.1	-180.8	-275.2	329.3	0.00	0.00	0.00
3,200.0	13.92	236.69	3,159.2	-194.1	-295.3	353.4	0.00	0.00	0.00
3,300.0	13.92	236.69	3,256.2	-207.3	-315.4	377.4	0.00	0.00	0.00
3,334.4	13.92	236.69	3,289.6	-211.8	-322.3	385.7	0.00	0.00	0.00
3,400.0	11.95	236.69	3,353.6	-219.9	-334.6	400.4	3.00	-3.00	0.00
3,500.0	8.95	236.69	3,451.9	-229.8	-349.8	418.5	3.00	-3.00	0.00

Database: EDM 2003.16 Single User Db
Company: ConocoPhillips
Project: SAN JUAN BASIN
Site: SEC 36-T29N-R10W
Well: State Com AG 29M
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well State Com AG 29M
TVD Reference: RKB @ 5625.0ft
MD Reference: RKB @ 5625.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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)
3,532.5	7.98	236.69	3,484.0	-232.5	-353.8	423.3	3.00	-3.00	0.00
Upper Cliffhouse									
3,600.0	5.95	236.69	3,551.0	-236.9	-360.6	431.5	3.00	-3.00	0.00
3,626.1	5.17	236.69	3,577.0	-238.3	-362.7	434.0	3.00	-3.00	0.00
Cliffhouse									
3,648.2	4.50	236.69	3,599.0	-239.4	-364.3	435.9	3.00	-3.00	0.00
Menefee									
3,700.0	2.95	236.69	3,650.7	-241.2	-367.1	439.2	3.00	-3.00	0.00
3,798.3	0.00	0.00	3,749.0	-242.6	-369.2	441.8	3.00	-3.00	125.40
7" - State Com 29M ICP									
3,800.0	0.00	0.00	3,750.7	-242.6	-369.2	441.8	0.00	0.00	0.00
3,900.0	0.00	0.00	3,850.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,000.0	0.00	0.00	3,950.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,100.0	0.00	0.00	4,050.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,200.0	0.00	0.00	4,150.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,254.3	0.00	0.00	4,205.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Point Lookout									
4,300.0	0.00	0.00	4,250.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,400.0	0.00	0.00	4,350.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,450.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,600.0	0.00	0.00	4,550.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,635.3	0.00	0.00	4,586.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Mancos									
4,700.0	0.00	0.00	4,650.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,800.0	0.00	0.00	4,750.7	-242.6	-369.2	441.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,850.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,950.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,100.0	0.00	0.00	5,050.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,200.0	0.00	0.00	5,150.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,300.0	0.00	0.00	5,250.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,350.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,454.3	0.00	0.00	5,405.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Upper Gallup									
5,500.0	0.00	0.00	5,450.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,550.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,650.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,750.7	-242.6	-369.2	441.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,850.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,950.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,100.0	0.00	0.00	6,050.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,150.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,234.3	0.00	0.00	6,185.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Greenhorn									
6,294.3	0.00	0.00	6,245.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Graneros									
6,300.0	0.00	0.00	6,250.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,354.3	0.00	0.00	6,305.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Two Wells									
6,400.0	0.00	0.00	6,350.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,410.3	0.00	0.00	6,361.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Paguate									
6,447.3	0.00	0.00	6,398.0	-242.6	-369.2	441.8	0.00	0.00	0.00

Database: EDM 2003.16 Single User Db
Company: ConocoPhillips
Project: SAN JUAN BASIN
Site: SEC 36-T29N-R10W
Well: State Com AG 29M
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well State Com AG 29M
TVD Reference: RKB @ 5625.0ft
MD Reference: RKB @ 5625.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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)
Cubero									
6,465.3	0.00	0.00	6,416.0	-242.6	-369.2	441.8	0.00	0.00	0.00
Lower Cubero									
6,500.0	0.00	0.00	6,450.7	-242.6	-369.2	441.8	0.00	0.00	0.00
6,533.3	0.00	0.00	6,484.0	-242.6	-369.2	441.8	0.00	0.00	0.00
State Com 29M PCP									

Targets

Target Name	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
State Com 29M ICP	0.00	0.00	3,749.0	-242.6	-369.2	2,068,028.78	497,212.15	36° 41' 0.412 N	107° 50' 34.228 W
- plan hits target									
- Circle (radius 100.0)									
SC West Hardline	0.00	0.00	0.0	-442.6	-419.2	2,067,828.80	497,162.13	36° 40' 58.434 N	107° 50' 34.841 W
- plan misses by 609.6ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Polygon									
Point 1			0.0	-42.6	-419.2	2,068,228.77	497,162.17		
Point 2			0.0	-443.6	-419.2	2,067,827.80	497,162.13		
State Com 29M PCP	0.00	0.00	6,484.0	-242.6	-369.2	2,068,028.78	497,212.15	36° 41' 0.412 N	107° 50' 34.228 W
- plan hits target									
- Circle (radius 100.0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
216.0	216.0	SC	9-5/8	12-1/4
3,798.3	3,749.0	7"	7	8-3/4

Database: EDM 2003.16 Single User Db
Company: ConocoPhillips
Project: SAN JUAN BASIN
Site: SEC-36-T29N-R10W
Well: State Com AG 29M
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well State Com AG 29M
TVD Reference: RKB @ 5625.0ft
MD Reference: RKB @ 5625.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
795.0	795.0	Ojo Alamo		0.00	
931.0	931.0	Kirtland		0.00	
1,634.1	1,634.0	Fruitland		0.00	
1,932.7	1,929.0	Pictured Cliffs		0.00	
2,037.7	2,031.0	Lewis		0.00	
2,925.8	2,893.0	Chacra		0.00	
3,532.5	3,484.0	Upper Cliffhouse		0.00	
3,626.1	3,577.0	Cliffhouse		0.00	
3,648.2	3,599.0	Menefee		0.00	
4,254.3	4,205.0	Point Lookout		0.00	
4,635.3	4,586.0	Mancos		0.00	
5,454.3	5,405.0	Upper Gallup		0.00	
6,234.3	6,185.0	Greenhorn		0.00	
6,294.3	6,245.0	Graneros		0.00	
6,354.3	6,305.0	Two Wells		0.00	
6,410.3	6,361.0	Paguate		0.00	
6,447.3	6,398.0	Cubero		0.00	
6,465.3	6,416.0	Lower Cubero		0.00	