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**

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NOV 2011
OIL CONS. DIV. DIST. 3

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 | 2 Pool Code | 3 Pool Name |
|---|---|---|
| 30-039-30847 | 71599 / 72319 | BASIN DAKOTA / MESAVERDE BLANCO |

| 4 Property Code | 5 Property Name | 6 Well Number |
|---|---|---|
| 7452 | SAN JUAN 27-4 UNIT | 94P |

| 7 OGRID No. | 8 Operator Name | 9 Elevation |
|---|---|---|
| 14538 | BURLINGTON RESOURCES OIL & GAS COMPANY LP | 6806 |

10 SURFACE LOCATION

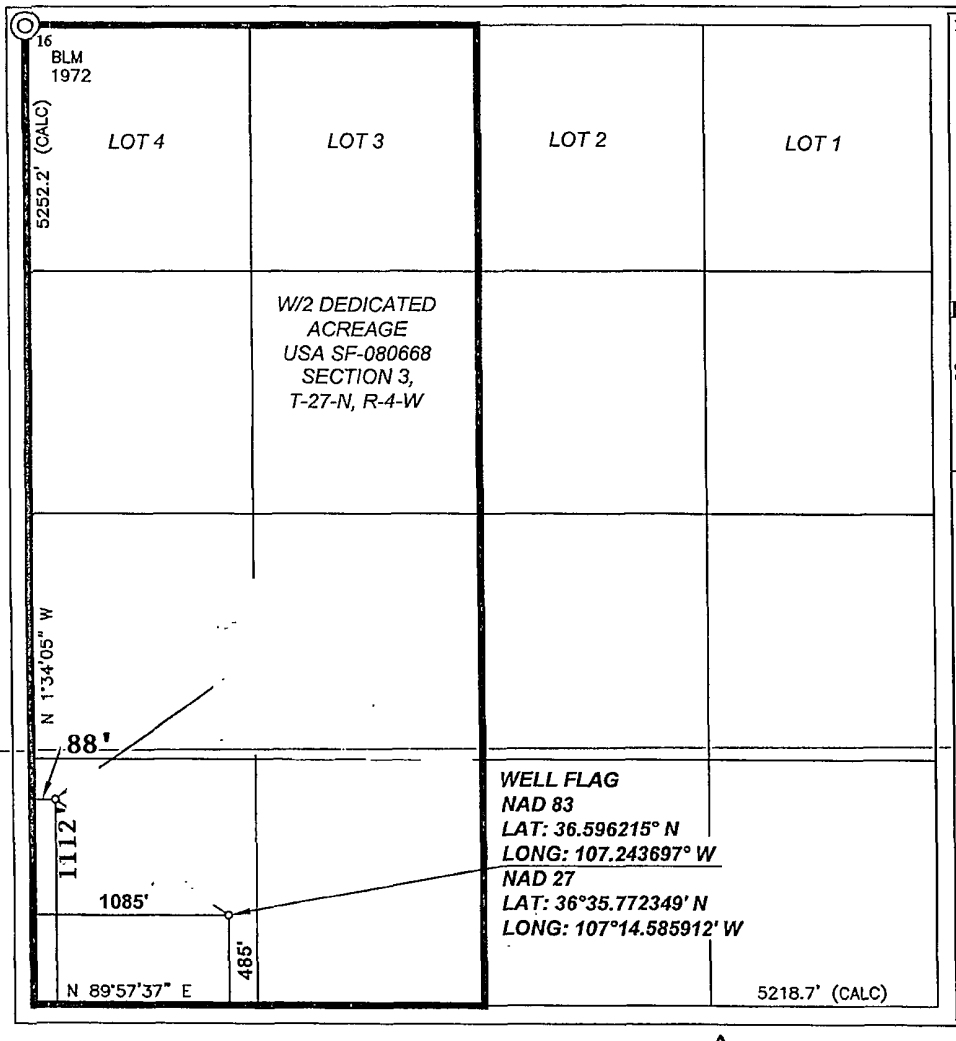
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| M | 3 | 27-N | 4-W | | 485 | SOUTH | 1085 | WEST | RIO ARRIBA |

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 | 3 | 27-N | 4-W | | 1112' | SOUTH | 88' | WEST | RIO ARRIBA |

| 12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|---|---|---|---|
| 319.44 | | | |

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




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

Marie E. Jaramillo
Printed Name

Staff Regulatory Tech.
Title and E-mail Address

11/1/11
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: 3/9/09
Signature and Seal of Professional Surveyor:

HENRY P. BROADHURST JR. NEW MEXICO 11393 REGISTERED PROFESSIONAL SURVEYOR

Certificate Number: NM 11393

A

ConocoPhillips

# COP Deviation Report

## SAN JUAN 27-4 UNIT #94P

| Operator | Legal WellName | API / UWI | County | State/Province |
|---|---|---|---|---|
| BURLINGTON RESOURCES OIL & GAS COMPANY LP | SAN JUAN 27-4 UNIT #94P | 3003930847 | RIO ARRIBA | NEW MEXICO |

| Surface Legal Location | N/S Dist (ft) | N/S Ref | E/W Dist (ft) | E/W Ref |
|---|---|---|---|---|
| 003-027N-004W-M | 485 00 | FSL | 1,085.00 | FWL |

**Survey Data**

| Date | MD (ftKB) | Incl (°) | Method | Survey Company |
|---|---|---|---|---|
| 8/12/2011 | 0.00 | 0.00 | IncAzi-MWD | Scientific Drilling |
| 6/17/2011 | 130.00 | 0.25 | Inc-WL | MOTE |
| 6/17/2011 | 239.00 | 0.00 | Inc-WL | MOTE |
| 8/12/2011 | 251.00 | 0.08 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 313.00 | 0.72 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 374 00 | 1.56 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 436.00 | 2 60 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 498 00 | 3 54 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 559.00 | 4.61 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 620.00 | 6 03 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 682 00 | 7.05 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 742.00 | 8 09 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 804 00 | 8.93 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 864.00 | 9 61 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 928.00 | 11 26 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 992.00 | 12.78 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 1,055.00 | 14.23 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 1,119.00 | 15.58 | IncAzi-MWD | Scientific Drilling |
| 8/12/2011 | 1,182.00 | 16.84 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,246.00 | 17.82 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,310.00 | 18.78 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,373.00 | 20.32 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,437 00 | 22 42 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,500 00 | 23 91 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,563.00 | 25.14 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,627.00 | 24.58 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,690.00 | 25.23 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,754.00 | 25.85 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,817.00 | 26.31 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,881.00 | 26.88 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 1,944.00 | 27.13 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 2,008.00 | 28.06 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 2,071.00 | 26.38 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 2,135.00 | 25.90 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 2,198.00 | 26.21 | 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.**

_____

**Subcribed and sworn to me this _____**

_____

**Notary Public in and for San Juan County, New Mexico**

**My Commission expires _____**

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**Report Printed: 11/1/2011**

ConocoPhillips

# COP Deviation Report

## SAN JUAN 27-4 UNIT #94P

**Survey Data**

| Date | MD (ftKB) | Incl (°) | Method | Survey Company |
|---|---|---|---|---|
| 8/14/2011 | 2,262.00 | 26 56 | IncAzi-MWD | Scientific Drilling |
| 8/14/2011 | 2,325.00 | 26.63 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,389 00 | 26.73 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,452 00 | 25.91 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,516 00 | 25 66 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,579.00 | 25 74 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,643 00 | 25.28 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,706 00 | 25.38 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,770.00 | 25 33 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,833.00 | 24 92 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,897.00 | 25.46 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 2,960 00 | 25.17 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,024 00 | 25 77 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,087.00 | 26.67 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,151.00 | 25.90 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,214.00 | 24.34 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,278 00 | 22.54 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,340.00 | 21.04 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,404 00 | 19.42 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,467.00 | 17 45 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,531.00 | 15.85 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,594.00 | 15.02 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,658 00 | 13.25 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,722.00 | 10 93 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,785 00 | 9.23 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,849.00 | 7.82 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,912.00 | 6.77 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 3,976.00 | 4.90 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 4,039.00 | 3.95 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 4,089.00 | 3.13 | IncAzi-MWD | Scientific Drilling |
| 8/15/2011 | 4,142 00 | 2.31 | IncAzi-MWD | Scientific Drilling |
| 8/25/2011 | 8,245.00 | 0 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.

Subcribed and sworn to me this 11/1/11

Notary Public in and for San Juan County, New Mexico

My Commission expires 9/28/14



Report Printed: 11/1/2011

Scientific Drilling
Directional Drilling Operations

# ConocoPhillips

**SJB (NM Central)**
**SEC 03-T27N-R4W**
**SJ 27-4 #94P**

**Original Hole**

**Design: Original Hole**

API # 3003930847

# Standard Survey Report

**19 August, 2011**

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

Notarized this date 19th of August, 2011.

Notary Signature
County of Natrona
State of Wyoming

NOTARY PUBLIC
JENNIFER WHITEHEAD
STATE OF WYOMING
COUNTY OF NATRONA
My Commission Expires Jun 03, 2012

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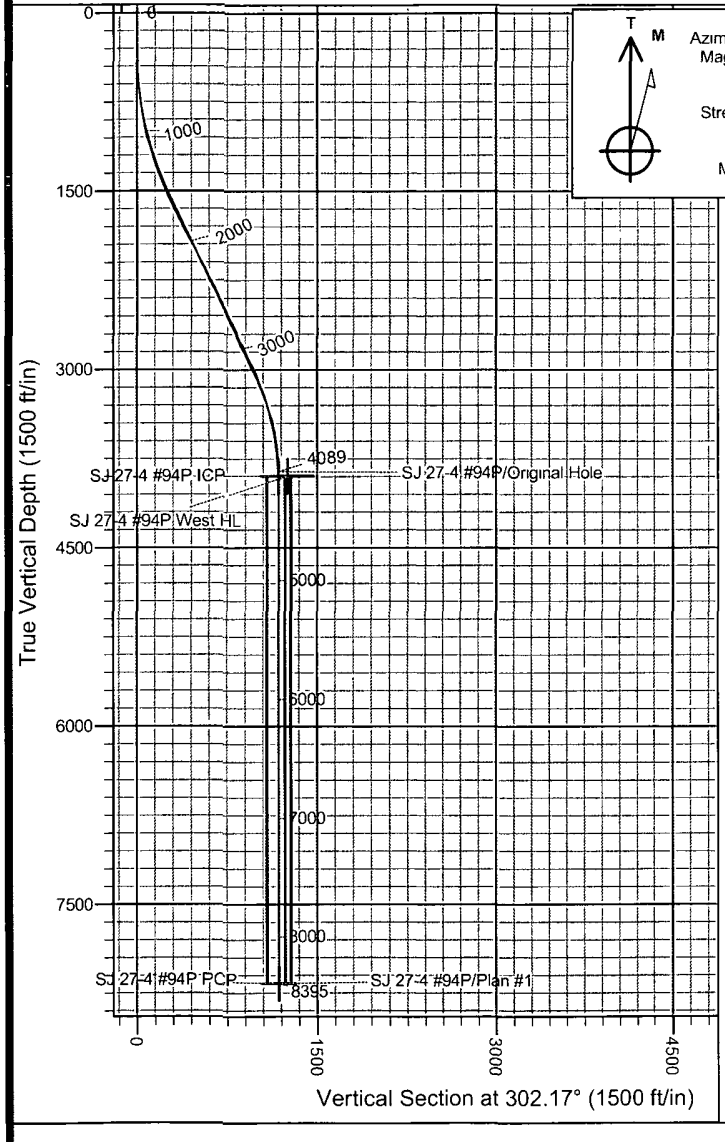
ConocoPhillips

Scientific Drilling
Directional Drilling Operations

Project: SJB (NM Central)
Site: SEC 03-T27N-R4W
Well: SJ 27-4 #94P
Wellbore: Original Hole
Design: Original Hole

ConocoPhillips

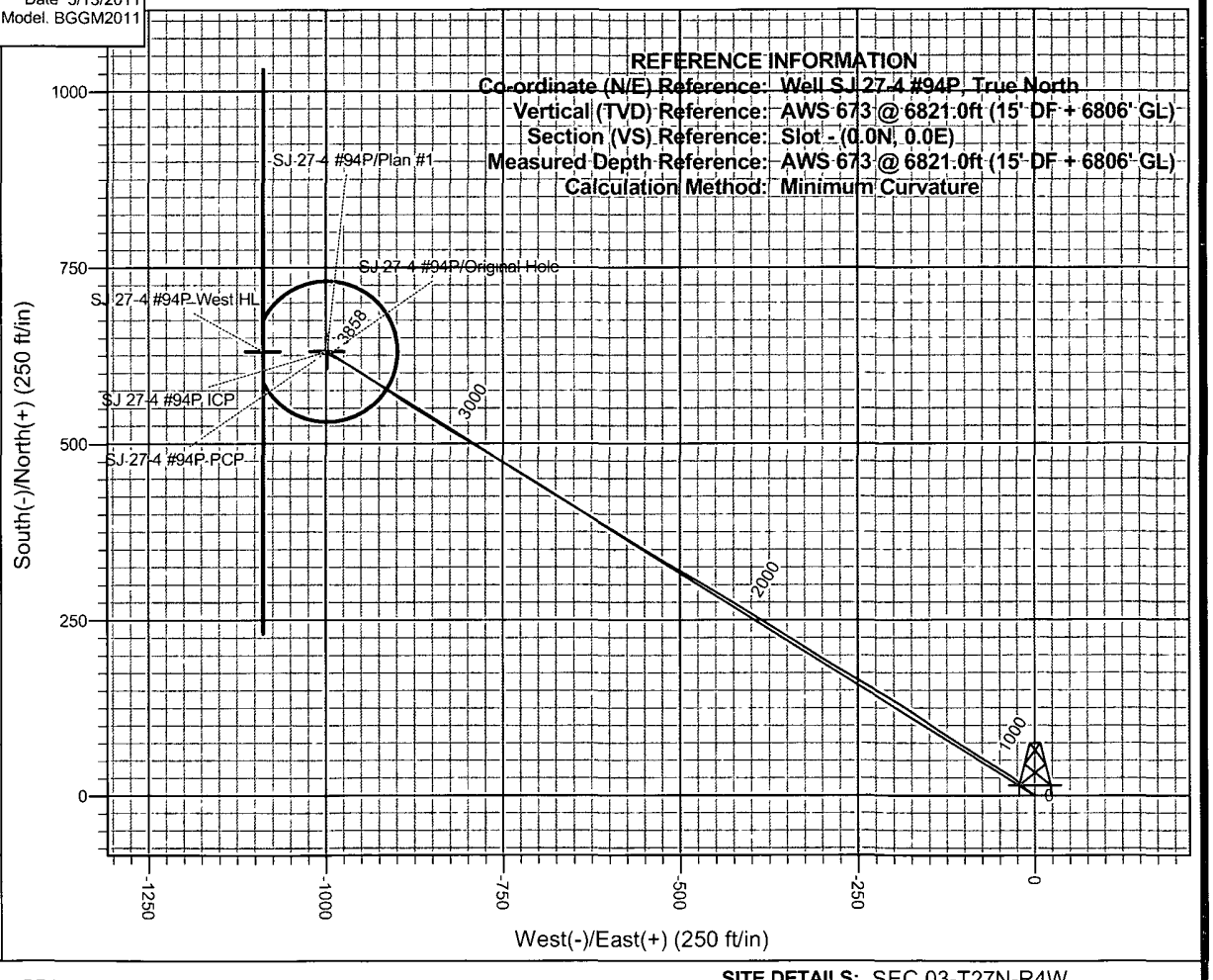






**WELL DETAILS:** SJ 27-4 #94P
AWS 673 @ 6821.0ft (15' DF + 6806' GL)
Ground Level: 6806.0

| +N/-S | +E/-W | Northing | Easting | Latittude | Longitude |
|---|---|---|---|---|---|
| 0.0 | 0.0 | 2037741.67 | 208474.49 | 36° 35' 46.341 N | 107° 14' 35.155 W |




**COMPANY DETAILS:** ConocoPhillips
Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Combined Covariances
Warning Method Risk Ratio

**PROJECT DETAILS:** SJB (NM Central)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid Clarke 1866
Zone: New Mexico Central 3002
System Datum: Mean Sea Level

**SITE DETAILS:** SEC 03-T27N-R4W
Rio Arriba County NM
Site Centre Latitude: 36° 35' 46 341 N
Longitude: 107° 14' 35 155 W
Positional Uncertainity: 7.5
Convergence: -0.59
Local North: True

| | | | |
|---|---|---|---|
| **Company:** | ConocoPhillips | **Local Co-ordinate Reference:** | Well SJ 27-4 #94P |
| **Project:** | SJB (NM Central) | **TVD Reference:** | AWS 673 @ 6821 0ft (15' DF + 6806' GL) |
| **Site:** | SEC 03-T27N-R4W | **MD Reference:** | AWS 673 @ 6821.0ft (15' DF + 6806' GL) |
| **Well:** | SJ 27-4 #94P | **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 03-T27N-R4W

| | | | | | |
|---|---|---|---|---|---|
| **Site Position:** | | **Northing:** | 2,037,741.67 ft | **Latitude:** | 36° 35' 46.341 N |
| **From:** | Lat/Long | **Easting:** | 208,474.49 ft | **Longitude:** | 107° 14' 35.155 W |
| **Position Uncertainty:** | 15 0 ft | **Slot Radius:** | 6-1/8" | **Grid Convergence:** | -0.59 ° |

**Well** SJ 27-4 #94P, S-Type MV/DK Well

| | | | | | | |
|---|---|---|---|---|---|---|
| **Well Position** | **+N/-S** | 0.0 ft | **Northing:** | 2,037,741.67 ft | **Latitude:** | 36° 35' 46.341 N |
| | **+E/-W** | 0.0 ft | **Easting:** | 208,474.49 ft | **Longitude:** | 107° 14' 35.155 W |
| **Position Uncertainty** | | 3.5 ft | **Wellhead Elevation:** | ft | **Ground Level:** | 6,806.0 ft |

**Wellbore** Original Hole

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|---|---|---|---|---|---|
| | BGGM2011 | 5/13/2011 | 9.67 | 63.45 | 50,712 |

**Design** Original Hole

**Audit Notes:**

| | | | | | |
|---|---|---|---|---|---|
| **Version:** | 1.0 | **Phase:** | ACTUAL | **Tie On Depth:** | 0.0 |

| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
|---|---|---|---|---|
| | 0.0 | 0 0 | 0.0 | 302.17 |

**Survey Program** **Date** 8/19/2011

| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
|---|---|---|---|---|
| 251 0 | 4,089.0 | Survey #1 (Original Hole) | 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 |
| 251.0 | 0.08 | 210.32 | 251.0 | -0.2 | -0.1 | 0.0 | 0.03 | 0.03 | 0.00 |
| **First SDI MWD Survey** | | | | | | | | | |
| 313.0 | 0.72 | 316.15 | 313 0 | 0.1 | -0.4 | 0 4 | 1.20 | 1 03 | 170.69 |
| 374.0 | 1 56 | 313.43 | 374 0 | 0.9 | -1.2 | 1 6 | 1.38 | 1 38 | -4.46 |
| 436 0 | 2.60 | 306.04 | 435 9 | 2 3 | -3 0 | 3.8 | 1.73 | 1.68 | -11.92 |
| 498.0 | 3.54 | 304.17 | 497 9 | 4 2 | -5 7 | 7.1 | 1.52 | 1.52 | -3.02 |
| 559 0 | 4.61 | 308.21 | 558.7 | 6 8 | -9.2 | 11.4 | 1.82 | 1.75 | 6.62 |
| 620 0 | 6.03 | 313.98 | 619 4 | 10.6 | -13 4 | 17.0 | 2 48 | 2.33 | 9.46 |
| 682.0 | 7.05 | 312.38 | 681.0 | 15.4 | -18 6 | 23.9 | 1 67 | 1.65 | -2 58 |
| 742 0 | 8.09 | 309 69 | 740.5 | 20 6 | -24.6 | 31 7 | 1 83 | 1.73 | -4 48 |
| 804.0 | 8.93 | 305.30 | 801.8 | 26 1 | -31.8 | 40 9 | 1 71 | 1.35 | -7 08 |
| 864 0 | 9 61 | 301.36 | 861 0 | 31.4 | -39.9 | 50.5 | 1 55 | 1.13 | -6 57 |

| | | | |
|---|---|---|---|
| **Company:** | ConocoPhillips | **Local Co-ordinate Reference:** | Well SJ 27-4 #94P |
| **Project:** | SJB (NM Central) | **TVD Reference:** | AWS 673 @ 6821.0ft (15' DF + 6806' GL) |
| **Site:** | SEC 03-T27N-R4W | **MD Reference:** | AWS 673 @ 6821.0ft (15' DF + 6806' GL) |
| **Well:** | SJ 27-4 #94P | **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) |
|---|---|---|---|---|---|---|---|---|---|
| 928 0 | 11.26 | 301.83 | 924.0 | 37 5 | -49.8 | 62.1 | 2 58 | 2.58 | 0.73 |
| 992.0 | 12.78 | 301.73 | 986.6 | 44 5 | -61.1 | 75.4 | 2.38 | 2.38 | -0.16 |
| 1,055.0 | 14.23 | 302.46 | 1,047 8 | 52 3 | -73 6 | 90.2 | 2.32 | 2.30 | 1 16 |
| 1,119 0 | 15.58 | 302.22 | 1,109.7 | 61 2 | -87 5 | 106.6 | 2.11 | 2.11 | -0 38 |
| 1,182.0 | 16 84 | 303.10 | 1,170 2 | 70.6 | -102 3 | 124.2 | 2.04 | 2 00 | 1 40 |
| 1,246.0 | 17 82 | 302.55 | 1,231 3 | 81.0 | -118.3 | 143.3 | 1.55 | 1.53 | -0.86 |
| 1,310 0 | 18.78 | 304.07 | 1,292.0 | 92.0 | -135.1 | 163 4 | 1.68 | 1.50 | 2.38 |
| 1,373.0 | 20 32 | 304.72 | 1,351.4 | 103.9 | -152.5 | 184.4 | 2 47 | 2.44 | 1.03 |
| 1,437.0 | 22.42 | 304 41 | 1,411.0 | 117 2 | -171.7 | 207 7 | 3 29 | 3 28 | -0.48 |
| 1,500.0 | 23 19 | 301.62 | 1,469.1 | 130.5 | -192.2 | 232 1 | 2.11 | 1.22 | -4.43 |
| 1,563.0 | 25.14 | 301.04 | 1,526.5 | 143.9 | -214 2 | 257.9 | 3.12 | 3 10 | -0.92 |
| 1,627 0 | 24.58 | 301.00 | 1,584.6 | 157 7 | -237 3 | 284.8 | 0 88 | -0.88 | -0 06 |
| 1,690.0 | 25.23 | 300.71 | 1,641.8 | 171 3 | -260.0 | 311 3 | 1 05 | 1.03 | -0.46 |
| 1,754.0 | 25.85 | 300.91 | 1,699 5 | 185.5 | -283.7 | 338.9 | 0.98 | 0.97 | 0.31 |
| 1,817.0 | 26.31 | 302.98 | 1,756 1 | 200.1 | -307 2 | 366 6 | 1.62 | 0.73 | 3.29 |
| 1,881.0 | 26.88 | 302.52 | 1,813 3 | 215.6 | -331 3 | 395 3 | 0.95 | 0.89 | -0.72 |
| 1,944.0 | 27.13 | 301.93 | 1,869.4 | 230 9 | -355.5 | 423.9 | 0.58 | 0.40 | -0.94 |
| 2,008.0 | 28.06 | 302.10 | 1,926.2 | 246.6 | -380.7 | 453 5 | 1.46 | 1.45 | 0.27 |
| 2,071.0 | 26.38 | 302.06 | 1,982.2 | 261 9 | -405.1 | 482.3 | 2 67 | -2.67 | -0 06 |
| 2,135.0 | 25.90 | 301.93 | 2,039.6 | 276 8 | -429.0 | 510.5 | 0 76 | -0.75 | -0 20 |
| 2,198 0 | 26.21 | 300.96 | 2,096.2 | 291 3 | -452.6 | 538.2 | 0.84 | 0 49 | -1.54 |
| 2,262.0 | 26.56 | 300.68 | 2,153.6 | 305.8 | -477.0 | 566.6 | 0.58 | 0.55 | -0.44 |
| 2,325 0 | 26.63 | 300.07 | 2,209.9 | 320.1 | -501 4 | 594.8 | 0.45 | 0.11 | -0.97 |
| 2,389 0 | 26.73 | 300.99 | 2,267 1 | 334 7 | -526.1 | 623 5 | 0 66 | 0 16 | 1.44 |
| 2,452.0 | 25.91 | 301.78 | 2,323 6 | 349 2 | -550.0 | 651 5 | 1 42 | -1.30 | 1.25 |
| 2,516 0 | 25.66 | 301.78 | 2,381.2 | 363 9 | -573.6 | 679.3 | 0 39 | -0.39 | 0 00 |
| 2,579 0 | 25.74 | 301.89 | 2,438.0 | 378 3 | -596.8 | 706 6 | 0 15 | 0.13 | 0 17 |
| 2,643 0 | 25.28 | 301.39 | 2,495.7 | 392.8 | -620.3 | 734 2 | 0 79 | -0.72 | -0.78 |
| 2,706.0 | 25 38 | 302.03 | 2,552.7 | 406 9 | -643.2 | 761 1 | 0 46 | 0.16 | 1.02 |
| 2,770.0 | 25 33 | 302.70 | 2,610 5 | 421.6 | -666 4 | 788.6 | 0 46 | -0 08 | 1.05 |
| 2,833.0 | 24 92 | 302.92 | 2,667 5 | 436 1 | -688 9 | 815.3 | 0.67 | -0 65 | 0.35 |
| 2,897.0 | 25 46 | 302.20 | 2,725 4 | 450.8 | -711 8 | 842.5 | 0.97 | 0 84 | -1.13 |
| 2,960.0 | 25.17 | 301.17 | 2,782 4 | 464.9 | -734.7 | 869.5 | 0.84 | -0 46 | -1.63 |
| 3,024.0 | 25 77 | 300.56 | 2,840.2 | 479.0 | -758.4 | 897 0 | 1.02 | 0 94 | -0.95 |
| 3,087.0 | 26.67 | 301 07 | 2,896.7 | 493.3 | -782.3 | 924.8 | 1 47 | 1.43 | 0.81 |
| 3,151.0 | 25.90 | 300 01 | 2,954.1 | 507 7 | -806 7 | 953.1 | 1.41 | -1.20 | -1.66 |
| 3,214 0 | 24.34 | 302.26 | 3,011.1 | 521 5 | -829 6 | 979 9 | 2.90 | -2.48 | 3.57 |
| 3,278 0 | 22.54 | 302.16 | 3,069.8 | 535 1 | -851 1 | 1,005.3 | 2 81 | -2.81 | -0.16 |
| 3,340.0 | 21.04 | 301.57 | 3,127.4 | 547.2 | -870.7 | 1,028.4 | 2 44 | -2 42 | -0.95 |
| 3,404.0 | 19.42 | 304.52 | 3,187 5 | 559.3 | -889.2 | 1,050.5 | 2.99 | -2 53 | 4.61 |
| 3,467.0 | 17.45 | 303.89 | 3,247 2 | 570 5 | -905.7 | 1,070.4 | 3 14 | -3 13 | -1.00 |
| 3,531.0 | 15 85 | 304.81 | 3,308 5 | 580 8 | -920.8 | 1,088 7 | 2 53 | -2 50 | 1.44 |
| 3,594.0 | 15 02 | 303.82 | 3,369.3 | 590 3 | -934.7 | 1,105 5 | 1.38 | -1 32 | -1.57 |
| 3,658.0 | 13 25 | 303 18 | 3,431 3 | 598 9 | -947.7 | 1,121 1 | 2.78 | -2 77 | -1.00 |
| 3,722.0 | 10 93 | 301.80 | 3,493.9 | 606 1 | -959.0 | 1,134 5 | 3.65 | -3.63 | -2.16 |
| 3,785.0 | 9.23 | 300.49 | 3,555.9 | 611 8 | -968.4 | 1,145 5 | 2.72 | -2.70 | -2.08 |
| 3,849 0 | 7.82 | 299.09 | 3,619.2 | 616.6 | -976 7 | 1,155.0 | 2.23 | -2.20 | -2.19 |
| 3,912 0 | 6.77 | 297.83 | 3,681 7 | 620.4 | -983.7 | 1,163.0 | 1 69 | -1.67 | -2.00 |
| 3,976.0 | 4.90 | 291.90 | 3,745.4 | 623.1 | -989.6 | 1,169 4 | 3.07 | -2 92 | -9.27 |
| 4,039 0 | 3.95 | 298.45 | 3,808.2 | 625 2 | -994.0 | 1,174.2 | 1.71 | -1 51 | 10.40 |
| 4,089.0 | 3.13 | 305.07 | 3,858.1 | 626.8 | -996.6 | 1,177.3 | 1 83 | -1 64 | 13.24 |
| **Last SDI MWD Survey** | | | | | | | | | |

| | | | |
|---|---|---|---|
| **Company:** | ConocoPhillips | **Local Co-ordinate Reference:** | Well SJ 27-4 #94P |
| **Project:** | SJB (NM Central) | **TVD Reference:** | AWS 673 @ 6821.0ft (15' DF + 6806' GL) |
| **Site:** | SEC 03-T27N-R4W | **MD Reference:** | AWS 673 @ 6821.0ft (15' DF + 6806' GL) |
| **Well:** | SJ 27-4 #94P | **North Reference:** | True |
| **Wellbore:** | Original Hole | **Survey Calculation Method:** | Minimum Curvature |
| **Design:** | Original Hole | **Database:** | EDMCOP |

Checked By: _____ Approved By: _____ Date: _____