

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

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 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

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35182	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 18517	⁵ Property Name EAST	⁶ Well Number 9N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5974'

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	25	31-N	12-W		715	SOUTH	1220	WEST	SAN JUAN

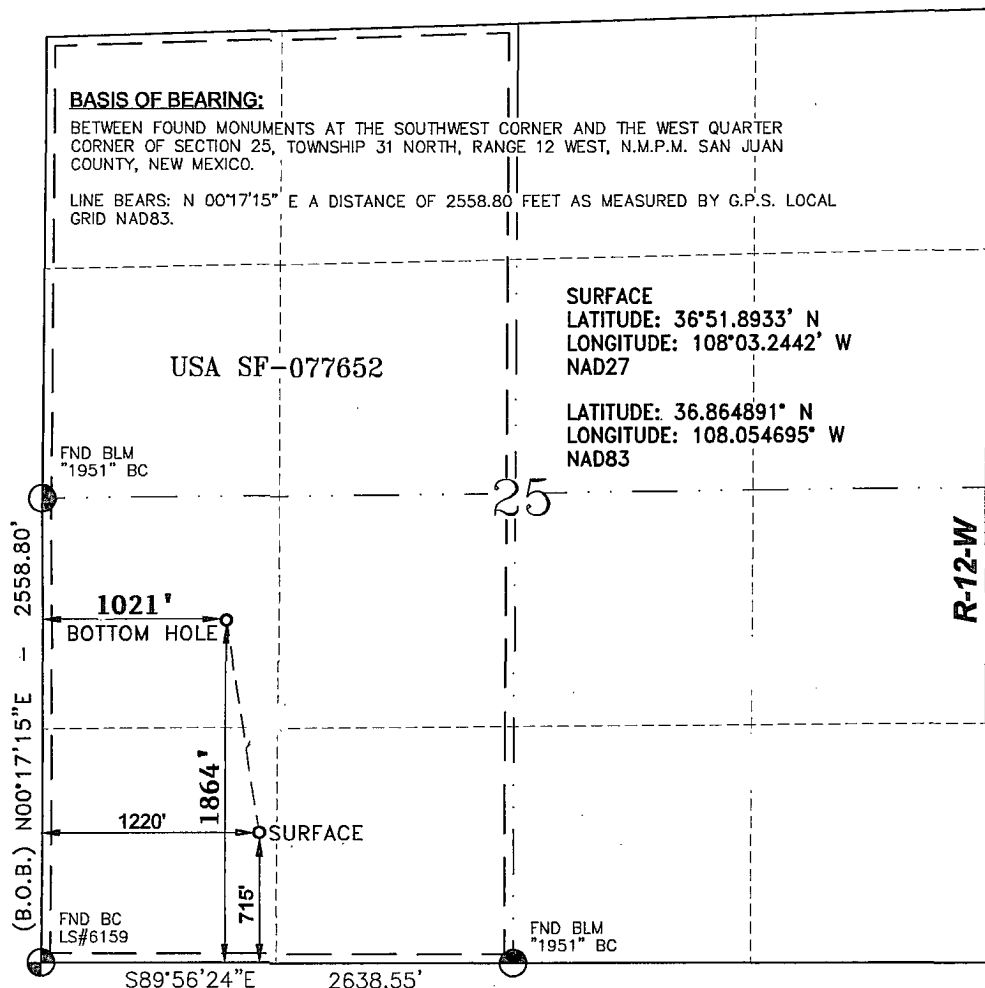
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	25	31-N	12-W		1864'	SOUTH	1021'	WEST	SAN JUAN

¹² Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD MAR 17 '11 OIL CONS. DIV.
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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.

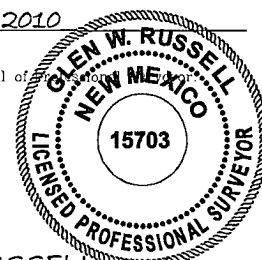
Signature
Printed Name

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.

February 9, 2010
Date of Survey

Signature and Seal of



GLEN W. RUSSELL
Certificate Number

15703

PC

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName EAST #9N	API / UWI 3004535182	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 025-031N-012W-M	N/S Dist (ft) 715.00	N/S Ref FSL	E/W Dist (ft) 1,220.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
2/7/2011	0.00	0.00	IncAzi-MWD	Scientific Drilling
1/25/2011	129.00	1.00	Inc-Drop	MO-TE DRILLING INC
1/25/2011	238.00	1.00	Inc-Drop	MO-TE DRILLING INC
2/7/2011	266.00	0.48	IncAzi-MWD	Scientific Drilling
2/7/2011	327.00	0.59	IncAzi-MWD	Scientific Drilling
2/7/2011	389.00	1.85	IncAzi-MWD	Scientific Drilling
2/7/2011	450.00	3.19	IncAzi-MWD	Scientific Drilling
2/7/2011	511.00	4.07	IncAzi-MWD	Scientific Drilling
2/7/2011	573.00	5.61	IncAzi-MWD	Scientific Drilling
2/7/2011	634.00	6.81	IncAzi-MWD	Scientific Drilling
2/7/2011	696.00	7.96	IncAzi-MWD	Scientific Drilling
2/7/2011	757.00	9.09	IncAzi-MWD	Scientific Drilling
2/8/2011	818.00	10.27	IncAzi-MWD	Scientific Drilling
2/8/2011	877.00	11.46	IncAzi-MWD	Scientific Drilling
2/8/2011	938.00	12.48	IncAzi-MWD	Scientific Drilling
2/8/2011	1,004.00	14.11	IncAzi-MWD	Scientific Drilling
2/8/2011	1,069.00	14.98	IncAzi-MWD	Scientific Drilling
2/8/2011	1,133.00	16.11	IncAzi-MWD	Scientific Drilling
2/8/2011	1,198.00	16.80	IncAzi-MWD	Scientific Drilling
2/8/2011	1,262.00	17.83	IncAzi-MWD	Scientific Drilling
2/8/2011	1,326.00	18.80	IncAzi-MWD	Scientific Drilling
2/8/2011	1,391.00	19.92	IncAzi-MWD	Scientific Drilling
2/8/2011	1,456.00	21.12	IncAzi-MWD	Scientific Drilling
2/8/2011	1,520.00	21.50	IncAzi-MWD	Scientific Drilling
2/8/2011	1,585.00	21.34	IncAzi-MWD	Scientific Drilling
2/8/2011	1,649.00	21.67	IncAzi-MWD	Scientific Drilling
2/8/2011	1,714.00	20.77	IncAzi-MWD	Scientific Drilling
2/8/2011	1,779.00	20.76	IncAzi-MWD	Scientific Drilling
2/8/2011	1,843.00	20.66	IncAzi-MWD	Scientific Drilling
2/8/2011	1,908.00	20.25	IncAzi-MWD	Scientific Drilling
2/8/2011	1,972.00	20.04	IncAzi-MWD	Scientific Drilling
2/8/2011	2,037.00	18.76	IncAzi-MWD	Scientific Drilling
2/8/2011	2,101.00	18.72	IncAzi-MWD	Scientific Drilling
2/8/2011	2,166.00	19.13	IncAzi-MWD	Scientific Drilling
2/8/2011	2,231.00	18.87	IncAzi-MWD	Scientific Drilling

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.

Carla C. C. C.

Subscribed and sworn to me this 3/11/11

M. J. J. J.

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14



COP Deviation Report

EAST #9N

ConocoPhillips

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
2/8/2011	2,295.00	18.29	IncAzi-MWD	Scientific Drilling
2/8/2011	2,360.00	18.26	IncAzi-MWD	Scientific Drilling
2/8/2011	2,424.00	18.10	IncAzi-MWD	Scientific Drilling
2/8/2011	2,489.00	17.16	IncAzi-MWD	Scientific Drilling
2/8/2011	2,553.00	18.07	IncAzi-MWD	Scientific Drilling
2/8/2011	2,618.00	20.01	IncAzi-MWD	Scientific Drilling
2/8/2011	2,682.00	19.85	IncAzi-MWD	Scientific Drilling
2/8/2011	2,747.00	19.27	IncAzi-MWD	Scientific Drilling
2/9/2011	2,811.00	17.92	IncAzi-MWD	Scientific Drilling
2/9/2011	2,876.00	18.70	IncAzi-MWD	Scientific Drilling
2/9/2011	2,940.00	18.61	IncAzi-MWD	Scientific Drilling
2/9/2011	3,005.00	18.26	IncAzi-MWD	Scientific Drilling
2/9/2011	3,069.00	17.70	IncAzi-MWD	Scientific Drilling
2/9/2011	3,134.00	18.48	IncAzi-MWD	Scientific Drilling
2/9/2011	3,198.00	19.44	IncAzi-MWD	Scientific Drilling
2/9/2011	3,263.00	19.08	IncAzi-MWD	Scientific Drilling
2/9/2011	3,326.00	18.68	IncAzi-MWD	Scientific Drilling
2/9/2011	3,390.00	17.01	IncAzi-MWD	Scientific Drilling
2/9/2011	3,455.00	17.69	IncAzi-MWD	Scientific Drilling
2/9/2011	3,519.00	18.94	IncAzi-MWD	Scientific Drilling
2/9/2011	3,583.00	20.40	IncAzi-MWD	Scientific Drilling
2/9/2011	3,648.00	18.95	IncAzi-MWD	Scientific Drilling
2/9/2011	3,712.00	18.14	IncAzi-MWD	Scientific Drilling
2/9/2011	3,777.00	17.54	IncAzi-MWD	Scientific Drilling
2/9/2011	3,842.00	18.89	IncAzi-MWD	Scientific Drilling
2/9/2011	3,906.00	19.40	IncAzi-MWD	Scientific Drilling
2/9/2011	3,970.00	18.58	IncAzi-MWD	Scientific Drilling
2/9/2011	4,035.00	17.48	IncAzi-MWD	Scientific Drilling
2/9/2011	4,099.00	16.04	IncAzi-MWD	Scientific Drilling
2/9/2011	4,164.00	15.82	IncAzi-MWD	Scientific Drilling
2/9/2011	4,228.00	14.83	IncAzi-MWD	Scientific Drilling
2/9/2011	4,293.00	12.90	IncAzi-MWD	Scientific Drilling
2/10/2011	4,357.00	10.67	IncAzi-MWD	Scientific Drilling
2/10/2011	4,422.00	7.54	IncAzi-MWD	Scientific Drilling
2/10/2011	4,486.00	5.23	IncAzi-MWD	Scientific Drilling
2/10/2011	4,540.00	3.70	IncAzi-MWD	Scientific Drilling
2/18/2011	7,170.00	1.75	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 3/11/11

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14



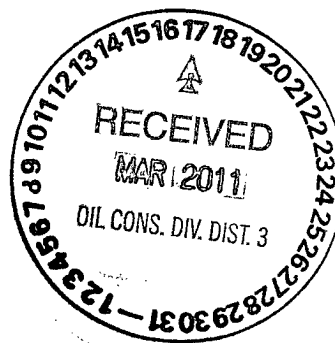
ConocoPhillips

SJB (NM West)
SEC 25-T31N-R12W
East #9N

Original Hole

API - 30-045-35182

Survey: Actual



Standard Survey Report

21 February, 2011

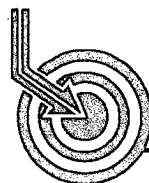
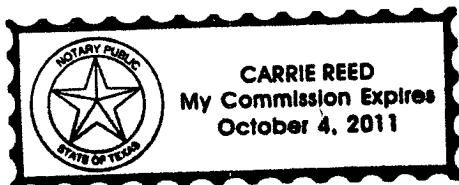
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notarized this date 21st of February, 2011.

[Signature]

Notary Signature
County of Midland
State of Texas



Scientific Drilling
Directional Drilling Operations

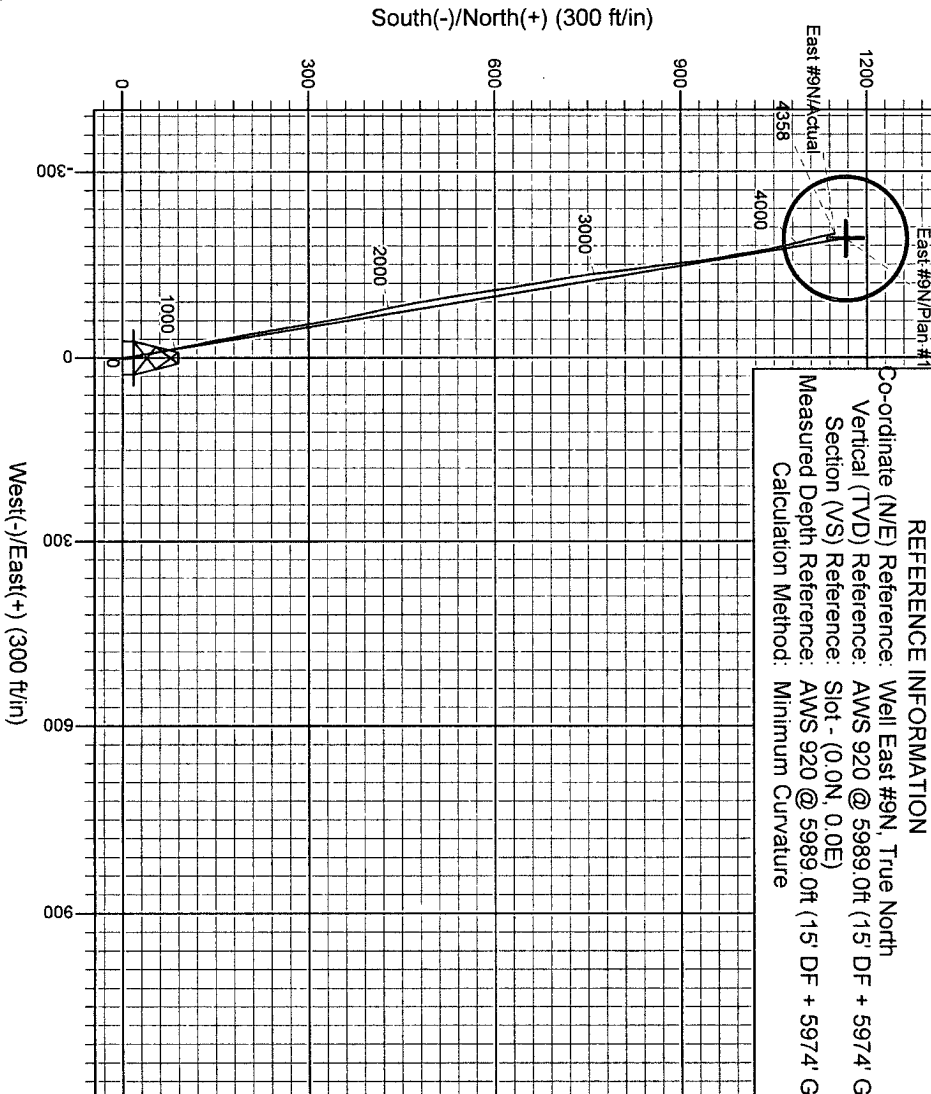
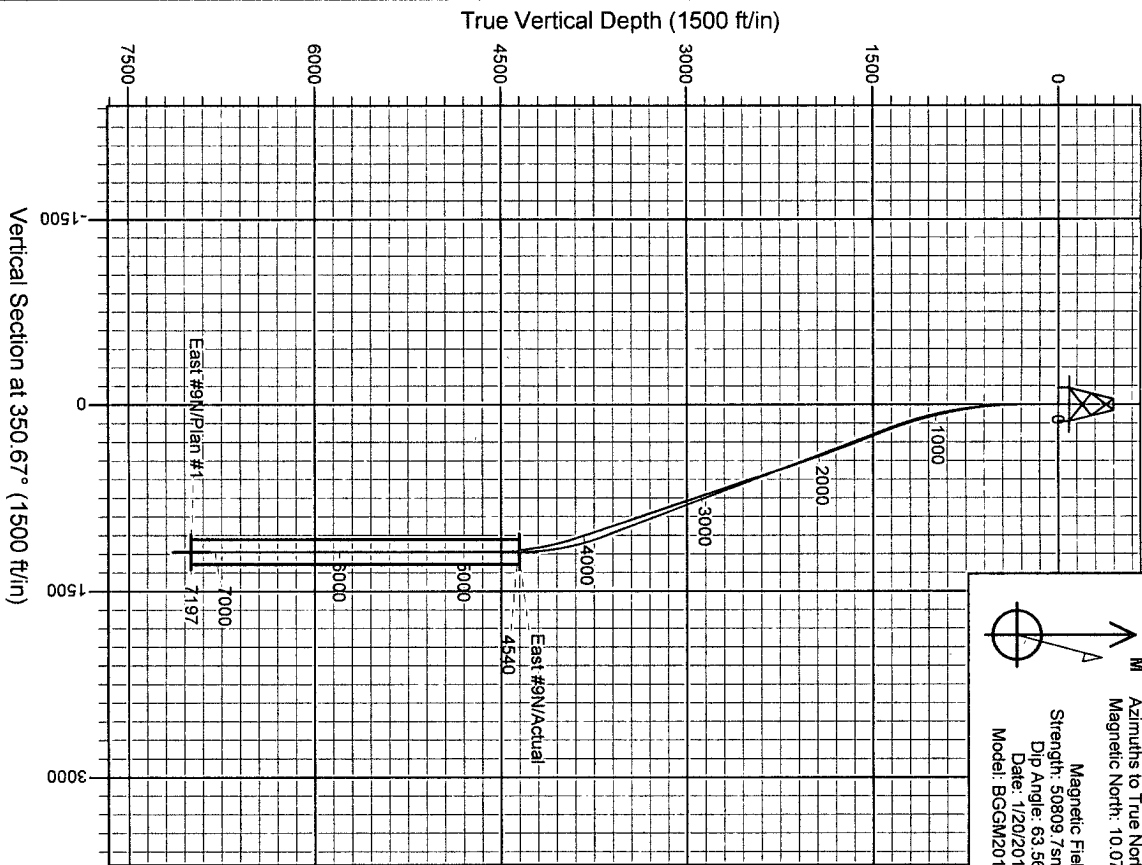
Project: SJB (NM West)
Site: SEC 25-T31N-R12W
Well: East #9N
Wellbore: Original Hole
Design: Plan #1



+N-S	+E-W	Northing
0.0	0.0	2134156.07

WELL DETAILS: East #9N
AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Ground Level: 5974.0
Easting: 435427.62
Latitude: 36° 51' 53.598 N
Longitude: 108° 3' 14.652 W
Slot

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well East #9N, True North
Vertical (TVD) Reference: AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Calculation Method: Minimum Curvature



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 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

SITE DETAILS: SEC 25-T31N-R12W
San Juan County NM
Site Centre Latitude: 36° 51' 53.598 N
Longitude: 108° 3' 14.652 W
Positional Uncertainty: 7.5
Convergence: -0.13
Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well East #9N
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Site:	SEC 25-T31N-R12W	MD Reference:	AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Well:	East #9N	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM West), 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 25-T31N-R12W		
Site Position:		Northing:	2,134,156.07 ft
From:	Lat/Long	Easting:	435,427.62 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 51' 53.598 N
		Longitude:	108° 3' 14.652 W
		Grid Convergence:	-0.13 °

Well	East #9N, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,134,156.07 ft
	+E/-W	0.0 ft	Easting: 435,427.62 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 51' 53.598 N
		Longitude:	108° 3' 14.652 W
		Ground Level:	5,974.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	1/20/2011	10.07	63.56	50,810

Design	Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	350.18

Survey Program	Date 2/21/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
266.0	4,540.0	Actual (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
266.0	0.48	125.05	266.0	-0.6	0.9	-0.8	0.18	0.18	0.00
327.0	0.59	36.01	327.0	-0.5	1.3	-0.7	1.24	0.18	-145.97
389.0	1.85	4.00	389.0	0.7	1.6	0.4	2.23	2.03	-51.63
450.0	3.19	358.75	449.9	3.4	1.6	3.1	2.23	2.20	-8.61
511.0	4.07	357.32	510.8	7.3	1.5	6.9	1.45	1.44	-2.34
573.0	5.61	354.01	572.6	12.5	1.0	12.1	2.52	2.48	-5.34
634.0	6.81	348.44	633.2	19.0	0.0	18.7	2.20	1.97	-9.13
696.0	7.96	345.83	694.7	26.7	-1.8	26.7	1.93	1.85	-4.21
757.0	9.09	345.68	755.0	35.5	-4.0	35.7	1.85	1.85	-0.25
818.0	10.27	346.54	815.2	45.5	-6.5	45.9	1.95	1.93	1.41
877.0	11.46	348.26	873.1	56.3	-8.9	57.0	2.09	2.02	2.92
938.0	12.48	349.78	932.8	68.7	-11.3	69.7	1.75	1.67	2.49

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well East #9N
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Site:	SEC 25-T31N-R12W	MD Reference:	AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Well:	East #9N	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)
1,004.0	14.11	348.94	997.0	83.7	-14.1	84.8	2.49	2.47	-1.27
1,069.0	14.98	348.62	1,059.9	99.7	-17.3	101.2	1.34	1.34	-0.49
1,133.0	16.11	348.20	1,121.6	116.5	-20.7	118.3	1.77	1.77	-0.66
1,198.0	16.80	348.51	1,183.9	134.5	-24.4	136.7	1.07	1.06	0.48
1,262.0	17.83	349.12	1,245.0	153.2	-28.1	155.7	1.63	1.61	0.95
1,326.0	18.80	349.88	1,305.8	173.0	-31.8	175.9	1.56	1.52	1.19
1,391.0	19.92	349.78	1,367.1	194.2	-35.6	197.4	1.72	1.72	-0.15
1,456.0	21.12	350.09	1,428.0	216.6	-39.6	220.2	1.85	1.85	0.48
1,520.0	21.50	349.16	1,487.6	239.5	-43.8	243.4	0.79	0.59	-1.45
1,585.0	21.34	350.43	1,548.1	262.8	-48.0	267.2	0.75	-0.25	1.95
1,649.0	21.67	350.95	1,607.6	286.0	-51.8	290.6	0.60	0.52	0.81
1,714.0	20.77	350.54	1,668.2	309.2	-55.6	314.2	1.40	-1.38	-0.63
1,779.0	20.76	350.20	1,729.0	331.9	-59.4	337.2	0.19	-0.02	-0.52
1,843.0	20.66	349.18	1,788.9	354.2	-63.5	359.8	0.58	-0.16	-1.59
1,908.0	20.25	347.71	1,849.8	376.5	-68.0	382.5	1.01	-0.63	-2.26
1,972.0	20.04	346.98	1,909.9	398.0	-72.8	404.6	0.51	-0.33	-1.14
2,037.0	18.76	346.68	1,971.2	419.0	-77.7	426.1	1.98	-1.97	-0.46
2,101.0	18.72	347.91	2,031.8	439.0	-82.3	446.6	0.62	-0.06	1.92
2,166.0	19.13	351.15	2,093.3	459.8	-86.1	467.7	1.74	0.63	4.98
2,231.0	18.87	350.12	2,154.7	480.6	-89.5	488.9	0.65	-0.40	-1.58
2,295.0	18.29	349.04	2,215.4	500.7	-93.2	509.3	1.05	-0.91	-1.69
2,360.0	18.26	349.82	2,277.1	520.7	-97.0	529.6	0.38	-0.05	1.20
2,424.0	18.10	351.90	2,337.9	540.5	-100.1	549.6	1.04	-0.25	3.25
2,489.0	17.16	352.26	2,399.9	559.9	-102.8	569.3	1.46	-1.45	0.55
2,553.0	18.07	351.59	2,460.9	579.1	-105.6	588.6	1.46	1.42	-1.05
2,618.0	20.01	351.41	2,522.3	600.1	-108.7	609.8	2.99	2.98	-0.28
2,682.0	19.85	350.74	2,582.5	621.6	-112.1	631.7	0.44	-0.25	-1.05
2,747.0	19.27	350.26	2,643.7	643.1	-115.7	653.4	0.93	-0.89	-0.74
2,811.0	17.92	350.78	2,704.4	663.2	-119.0	673.8	2.13	-2.11	0.81
2,876.0	18.70	349.56	2,766.1	683.4	-122.5	694.2	1.34	1.20	-1.88
2,940.0	18.61	350.00	2,826.7	703.5	-126.2	714.7	0.26	-0.14	0.69
3,005.0	18.26	350.45	2,888.4	723.8	-129.7	735.3	0.58	-0.54	0.69
3,069.0	17.70	351.78	2,949.3	743.3	-132.7	755.0	1.08	-0.88	2.08
3,134.0	18.48	352.26	3,011.1	763.3	-135.5	775.2	1.22	1.20	0.74
3,198.0	19.44	354.12	3,071.6	783.9	-138.0	796.0	1.77	1.50	2.91
3,263.0	19.08	353.91	3,132.9	805.2	-140.2	817.3	0.56	-0.55	-0.32
3,326.0	18.68	352.16	3,192.6	825.5	-142.7	837.7	1.10	-0.63	-2.78
3,390.0	17.01	351.29	3,253.5	844.9	-145.5	857.3	2.64	-2.61	-1.36
3,455.0	17.69	352.34	3,315.5	864.1	-148.2	876.7	1.15	1.05	1.62
3,519.0	18.94	353.75	3,376.3	884.0	-150.7	896.8	2.07	1.95	2.20
3,583.0	20.40	354.43	3,436.5	905.4	-152.9	918.3	2.31	2.28	1.06
3,648.0	18.95	352.78	3,497.7	927.2	-155.3	940.1	2.39	-2.23	-2.54
3,712.0	18.14	350.50	3,558.4	947.3	-158.3	960.4	1.70	-1.27	-3.56
3,777.0	17.54	349.56	3,620.3	966.9	-161.7	980.4	1.02	-0.92	-1.45
3,842.0	18.89	350.84	3,682.0	987.0	-165.2	1,000.7	2.17	2.08	1.97
3,906.0	19.40	350.04	3,742.5	1,007.7	-168.6	1,021.7	0.90	0.80	-1.25
3,970.0	18.58	350.70	3,803.0	1,028.2	-172.1	1,042.5	1.32	-1.28	1.03
4,035.0	17.48	348.86	3,864.8	1,048.0	-175.7	1,062.6	1.91	-1.69	-2.83
4,099.0	16.04	347.25	3,926.1	1,066.0	-179.5	1,081.0	2.36	-2.25	-2.52
4,164.0	15.82	346.44	3,988.6	1,083.4	-183.6	1,098.9	0.48	-0.34	-1.25
4,228.0	14.83	345.06	4,050.3	1,099.8	-187.7	1,115.7	1.65	-1.55	-2.16
4,293.0	12.90	344.64	4,113.4	1,114.8	-191.8	1,131.2	2.97	-2.97	-0.65
4,357.0	10.67	346.51	4,176.1	1,127.5	-195.1	1,144.2	3.53	-3.48	2.92
4,422.0	7.54	348.82	4,240.2	1,137.5	-197.3	1,154.5	4.85	-4.82	3.55

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well East #9N
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Site:	SEC 25-T31N-R12W	MD Reference:	AWS 920 @ 5989.0ft (15' DF + 5974' GL)
Well:	East #9N	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)
4,486.0	5.23	351.96	4,303.8	1,144.5	-198.5	1,161.6	3.65	-3.61	4.91
4,540.0	3.70	357.69	4,357.7	1,148.7	-198.9	1,165.8	2.95	-2.83	10.61