

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 30-039-30837	² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code 31763	⁵ Property Name JICARILLA D	⁶ Well Number 22Y
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 7338'

¹⁰ Surface Location

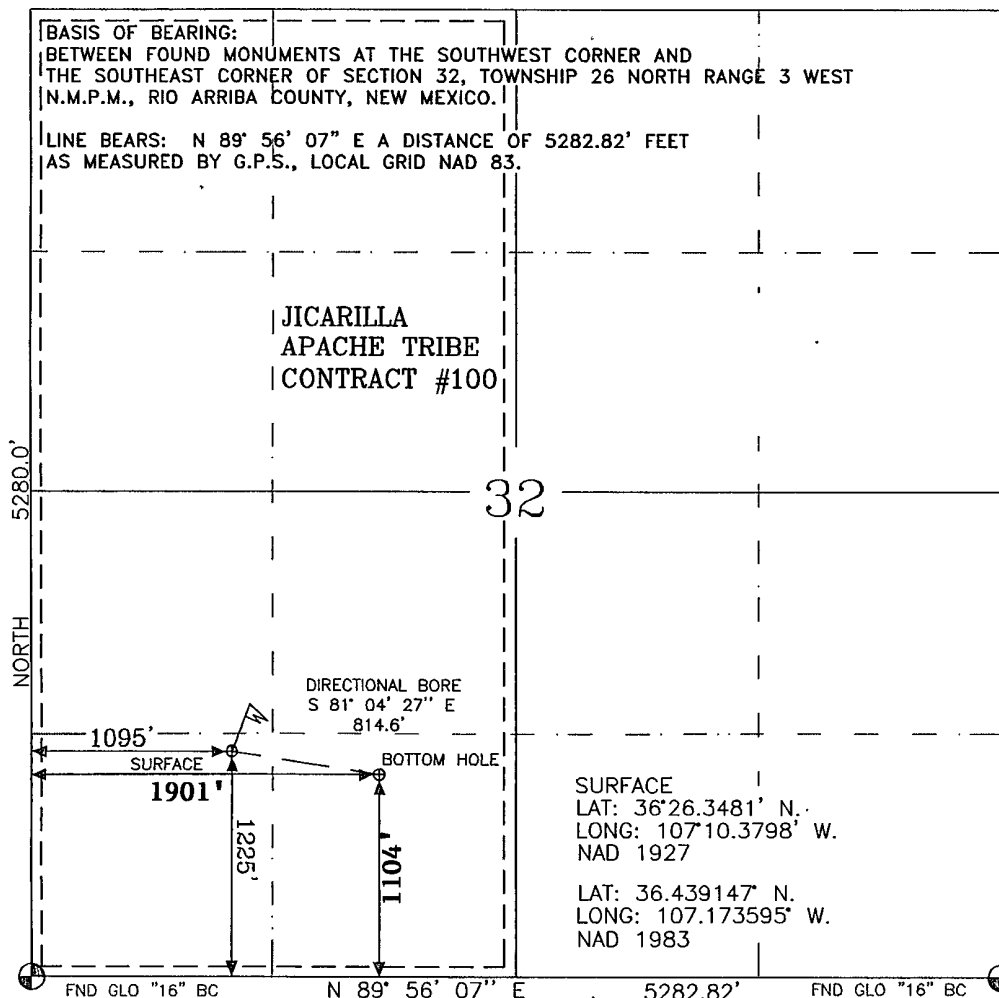
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	26-N	3-W		1225'	SOUTH	1095'	WEST	RIO ARRIBA

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
N	32	26-N	3-W		1104	SOUTH	1901	WEST	RIO ARRIBA
¹² Dedicated Acres MV 320.0 ACRES W/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. RCVD AUG 23 '10 OIL CONS. DIV.		

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 **DIST. 3**

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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.

Crystal Tafaya 8/20/10
Signature
Crystal Tafaya 8/20/10
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.

October 15, 2009
Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number 15703

RCVD AUG 23 '10
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SAN JUAN BASIN

SEC 32-T26N-R3W

Jicarilla D #22Y

API # 30-039-30837

Original Hole

Survey: Actual

Standard Survey Report

07 April, 2010

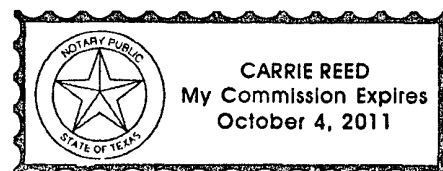
This survey is correct to the best of my knowledge and is supported by actual field data.

Richardson

Notorized this date 8th of April, 2010.

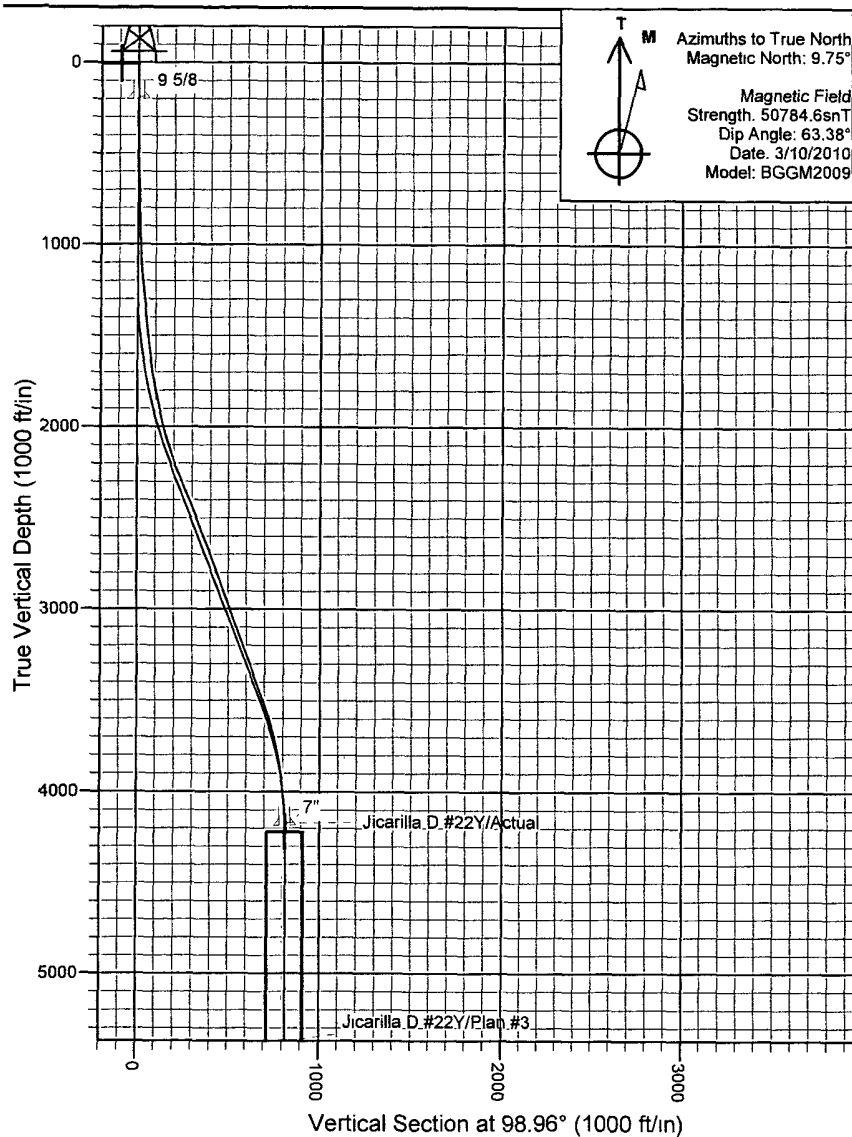
Carrie Reed

Notary Signature
County of Midland
State of Texas





Project: SAN JUAN BASIN
SEC 32-T26N-R3W
Well: Jicarilla D #22Y
Wellbore: Original Hole
Design: Plan #3
Site:



Azimuths to True North
Magnetic North: 9.75°
Magnetic Field
Strength: 50784.6snT
Dip Angle: 63.38°
Date: 3/10/2010
Model: BGGM2009

+N/-S
0.0
+E/-W
0.0
Northing
1979755.61

WELL DETAILS: Jicarilla D #22Y

DFE @ 7354.0ft (H&P 283)

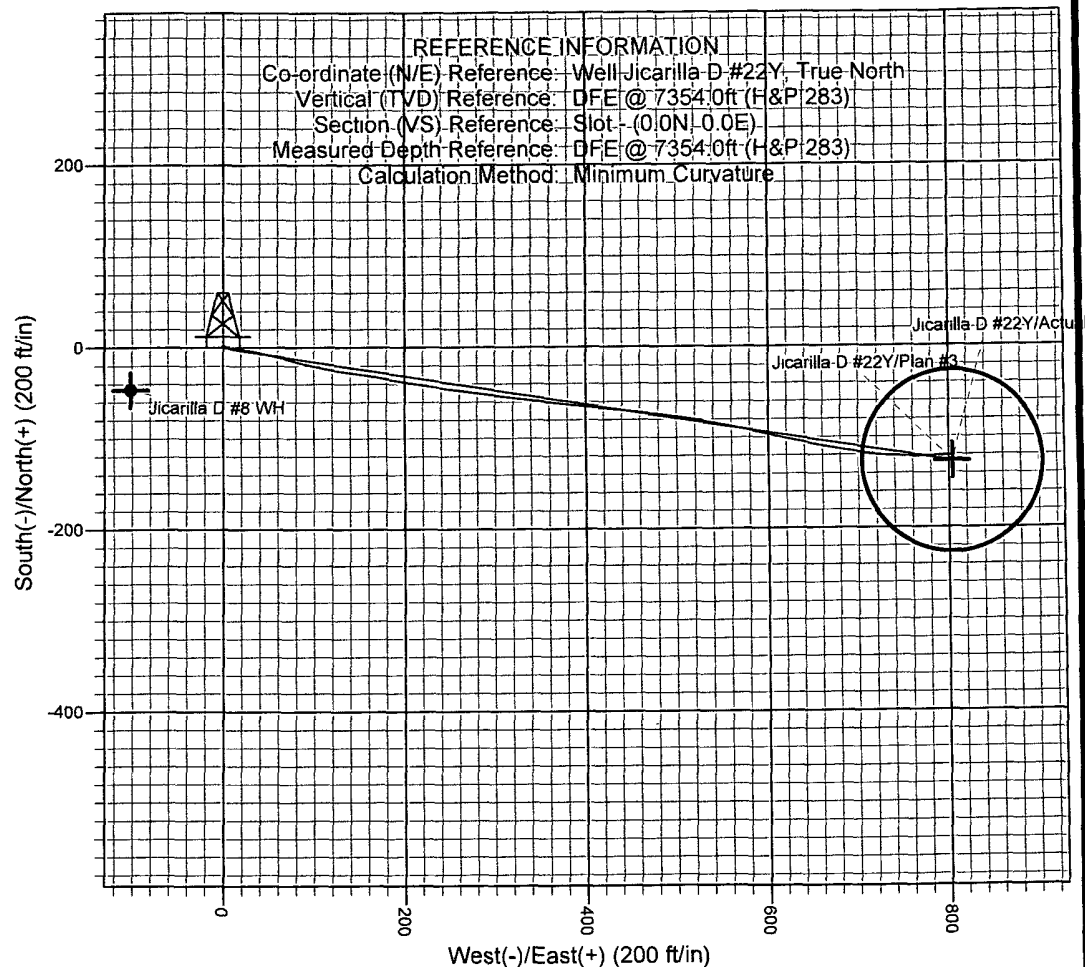
Ground Level: 7338.0

Easting Latitude

694236.60 36° 26' 20.886 N

Longitude
107° 10' 22.788 W

Slot



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: 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 32-T26N-R3W
Rio Arriba County N.M.
Site Centre Latitude: 36° 26' 20.820 N
Longitude: 107° 10' 23.232 W
Positional Uncertainty: 0.0
Convergence: 0.39
Local North: True

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Jicarilla D #22Y
Project:	SAN JUAN BASIN	TVD Reference:	DFE @ 7354.0ft (H&P 283)
Site:	SEC 32-T26N-R3W	MD Reference:	DFE @ 7354.0ft (H&P 283)
Well:	Jicarilla D #22Y	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SAN JUAN BASIN, NEW MEXICO		
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 32-T26N-R3W		
Site Position:		Northing:	1,979,748.68 ft
From:	Lat/Long	Easting:	694,200.37 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 26' 20.820 N
		Longitude:	107° 10' 23.232 W
		Grid Convergence:	0.39 °

Well	Jicarilla D #22Y, Replacement MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 1,979,755.61 ft
	+E/-W	0.0 ft	Easting: 694,236.60 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 26' 20.886 N
		Longitude:	107° 10' 22.788 W
		Ground Level:	7,338.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2009	3/10/2010	9.75	63.38	50,785

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	98.56

Survey Program	Date	4/7/2010		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
264.0	4,292.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
264.0	0.74	333.66	264.0	1.5	-0.8	-1.0	0.28	0.28	0.00
326.0	0.24	54.48	326.0	2.0	-0.8	-1.1	1.19	-0.81	130.36
388.0	1.33	107.69	388.0	1.8	0.0	-0.3	1.94	1.76	85.82
449.0	1.62	103.00	449.0	1.4	1.5	1.3	0.51	0.48	-7.69
510.0	1.72	103.87	509.9	1.0	3.2	3.0	0.17	0.16	1.43
571.0	1.69	102.64	570.9	0.6	5.0	4.8	0.08	-0.05	-2.02
633.0	1.77	103.06	632.9	0.2	6.8	6.7	0.13	0.13	0.68
694.0	1.76	103.36	693.9	-0.3	8.6	8.6	0.02	-0.02	0.49
756.0	1.68	106.74	755.8	-0.7	10.4	10.4	0.21	-0.13	5.45
817.0	1.37	81.44	816.8	-0.9	12.0	12.0	1.20	-0.51	-41.48
911.0	1.01	70.60	910.8	-0.5	13.9	13.8	0.45	-0.38	-11.53
1,001.0	2.28	105.16	1,000.7	-0.7	16.4	16.3	1.73	1.41	38.40

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Jicarilla D #22Y
Project:	SAN JUAN BASIN	TVD Reference:	DFE @ 7354 0ft (H&P 283)
Site:	SEC 32-T26N-R3W	MD Reference:	DFE @ 7354 0ft (H&P 283)
Well:	Jicarilla D #22Y	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)
1,091.0	3.73	103.34	1,090.6	-1.8	20.9	21.0	1.61	1.61	-2.02
1,181.0	4.91	99.90	1,180.4	-3.1	27.6	27.7	1.34	1.31	-3.82
1,271.0	5.60	102.30	1,270.0	-4.7	35.7	36.0	0.80	0.77	2.67
1,361.0	5.76	102.78	1,359.5	-6.7	44.4	44.9	0.19	0.18	0.53
1,451.0	5.91	103.48	1,449.1	-8.8	53.3	54.0	0.18	0.17	0.78
1,541.0	6.09	101.77	1,538.6	-10.8	62.5	63.4	0.28	0.20	-1.90
1,630.0	7.07	105.27	1,627.0	-13.2	72.4	73.5	1.19	1.10	3.93
1,721.0	9.02	106.02	1,717.1	-16.7	84.6	86.2	2.15	2.14	0.82
1,811.0	10.50	103.03	1,805.8	-20.5	99.4	101.3	1.74	1.64	-3.32
1,901.0	12.04	100.76	1,894.1	-24.1	116.6	118.9	1.78	1.71	-2.52
1,990.0	14.13	97.81	1,980.7	-27.3	136.5	139.0	2.46	2.35	-3.31
2,080.0	15.69	99.48	2,067.7	-30.8	159.4	162.2	1.80	1.73	1.86
2,170.0	18.64	100.74	2,153.7	-35.4	185.5	188.7	3.30	3.28	1.40
2,260.0	21.00	99.38	2,238.4	-40.8	215.6	219.2	2.67	2.62	-1.51
2,350.0	21.86	98.20	2,322.1	-45.8	248.1	252.1	1.07	0.96	-1.31
2,440.0	22.56	97.63	2,405.5	-50.5	281.8	286.1	0.81	0.78	-0.63
2,530.0	21.56	97.34	2,488.9	-54.9	315.3	319.9	1.12	-1.11	-0.32
2,620.0	20.98	97.44	2,572.7	-59.1	347.6	352.6	0.65	-0.64	0.11
2,710.0	20.50	96.75	2,656.9	-63.0	379.3	384.4	0.60	-0.53	-0.77
2,800.0	20.43	96.02	2,741.2	-66.5	410.5	415.9	0.29	-0.08	-0.81
2,890.0	19.84	95.58	2,825.7	-69.6	441.4	446.8	0.68	-0.66	-0.49
2,980.0	19.59	97.67	2,910.4	-73.1	471.5	477.2	0.83	-0.28	2.32
3,070.0	19.17	97.51	2,995.3	-77.1	501.1	507.0	0.47	-0.47	-0.18
3,160.0	19.31	100.25	3,080.3	-81.7	530.4	536.7	1.02	0.16	3.04
3,250.0	20.21	102.19	3,165.0	-87.6	560.3	567.1	1.24	1.00	2.16
3,340.0	19.71	102.95	3,249.6	-94.3	590.2	597.7	0.63	-0.56	0.84
3,430.0	19.95	102.89	3,334.3	-101.1	620.0	628.1	0.27	0.27	-0.07
3,520.0	20.76	101.57	3,418.7	-107.7	650.6	659.4	1.03	0.90	-1.47
3,610.0	19.64	99.85	3,503.1	-113.5	681.1	690.4	1.41	-1.24	-1.91
3,700.0	18.15	98.31	3,588.3	-118.1	709.9	719.6	1.75	-1.66	-1.71
3,790.0	15.15	93.90	3,674.5	-120.9	735.5	745.3	3.61	-3.33	-4.90
3,880.0	11.78	90.67	3,762.0	-121.9	756.4	766.1	3.84	-3.74	-3.59
3,970.0	8.87	88.33	3,850.5	-121.8	772.6	782.1	3.27	-3.23	-2.60
4,060.0	7.18	88.73	3,939.7	-121.4	785.1	794.5	1.88	-1.88	0.44
4,149.0	5.91	89.37	4,028.1	-121.3	795.3	804.5	1.43	-1.43	0.72
4,239.0	3.77	90.15	4,117.7	-121.2	802.9	812.0	2.38	-2.38	0.87
4,292.0	2.49	94.91	4,170.7	-121.3	805.7	814.8	2.46	-2.42	8.98

Legal WellName : JICARILLA D #22Y	API / UWI: 3003930837
Operator: CONOCOPHILLIPS COMPANY	Surf Loc: 032-026N-003W-M
St/Prov: NEW MEXICO	N/S Dist (ft): 1,225.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 1,095.00 - FWL

RCVD AUG 23 '10
OIL CONS. DIV.
DIST. 3

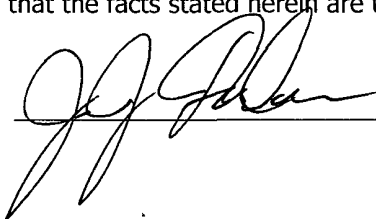
Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEYS	03/18/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/18/2010	130.00	1.00	.00	Inc-WL	MOTE
03/18/2010	235.00	1.00	.00	Inc-WL	MOTE
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEYS	03/28/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/28/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
03/28/2010	264.00	.74	333.66	IncAzi-MWD	Scientific Drilling
03/28/2010	326.00	.24	54.48	IncAzi-MWD	Scientific Drilling
03/28/2010	388.00	1.33	107.69	IncAzi-MWD	Scientific Drilling
03/28/2010	449.00	1.62	103.00	IncAzi-MWD	Scientific Drilling
03/28/2010	510.00	1.72	103.87	IncAzi-MWD	Scientific Drilling
03/28/2010	571.00	1.69	102.64	IncAzi-MWD	Scientific Drilling
03/28/2010	633.00	1.77	103.06	IncAzi-MWD	Scientific Drilling
03/28/2010	694.00	1.76	103.36	IncAzi-MWD	Scientific Drilling
03/28/2010	756.00	1.68	106.74	IncAzi-MWD	Scientific Drilling
03/28/2010	817.00	1.37	81.44	IncAzi-MWD	Scientific Drilling
03/28/2010	911.00	1.01	70.60	IncAzi-MWD	Scientific Drilling
03/28/2010	1,001.00	2.28	105.16	IncAzi-MWD	Scientific Drilling
03/28/2010	1,091.00	3.73	103.34	IncAzi-MWD	Scientific Drilling
03/28/2010	1,181.00	4.91	99.90	IncAzi-MWD	Scientific Drilling
03/28/2010	1,271.00	5.60	102.30	IncAzi-MWD	Scientific Drilling
03/28/2010	1,361.00	5.76	102.78	IncAzi-MWD	Scientific Drilling
03/28/2010	1,451.00	5.91	103.48	IncAzi-MWD	Scientific Drilling
03/28/2010	1,541.00	6.09	101.77	IncAzi-MWD	Scientific Drilling
03/28/2010	1,630.00	7.07	105.27	IncAzi-MWD	Scientific Drilling
03/28/2010	1,721.00	9.02	106.02	IncAzi-MWD	Scientific Drilling
03/28/2010	1,811.00	10.50	103.03	IncAzi-MWD	Scientific Drilling
03/29/2010	1,901.00	12.04	100.76	IncAzi-MWD	Scientific Drilling
03/29/2010	1,990.00	14.13	97.81	IncAzi-MWD	Scientific Drilling
03/29/2010	2,080.00	15.69	99.48	IncAzi-MWD	Scientific Drilling
03/29/2010	2,170.00	18.64	100.74	IncAzi-MWD	Scientific Drilling
03/29/2010	2,260.00	21.00	99.38	IncAzi-MWD	Scientific Drilling

03/29/2010	2,350.00	21.86	98.20	IncAzi-MWD	Scientific Drilling
03/29/2010	2,440.00	22.56	97.63	IncAzi-MWD	Scientific Drilling
03/29/2010	2,530.00	21.56	97.34	IncAzi-MWD	Scientific Drilling
03/29/2010	2,620.00	20.98	97.44	IncAzi-MWD	Scientific Drilling
03/29/2010	2,710.00	20.50	96.75	IncAzi-MWD	Scientific Drilling
03/29/2010	2,800.00	20.43	96.02	IncAzi-MWD	Scientific Drilling
03/29/2010	2,890.00	19.84	95.58	IncAzi-MWD	Scientific Drilling
03/29/2010	2,980.00	19.59	97.67	IncAzi-MWD	Scientific Drilling
03/29/2010	3,070.00	19.17	97.51	IncAzi-MWD	Scientific Drilling
03/29/2010	3,160.00	19.31	100.25	IncAzi-MWD	Scientific Drilling
03/29/2010	3,250.00	20.21	102.19	IncAzi-MWD	Scientific Drilling
03/29/2010	3,340.00	19.71	102.95	IncAzi-MWD	Scientific Drilling
03/29/2010	3,430.00	19.95	102.89	IncAzi-MWD	Scientific Drilling
03/29/2010	3,520.00	20.76	101.57	IncAzi-MWD	Scientific Drilling
03/29/2010	3,610.00	19.64	99.85	IncAzi-MWD	Scientific Drilling
03/29/2010	3,700.00	18.15	98.31	IncAzi-MWD	Scientific Drilling
03/29/2010	3,790.00	15.15	93.90	IncAzi-MWD	Scientific Drilling
03/30/2010	3,880.00	11.78	90.67	Projection	Scientific Drilling
03/30/2010	3,970.00	8.87	88.33	Projection	Scientific Drilling
03/30/2010	4,060.00	7.18	88.73	IncAzi-MWD	Scientific Drilling
03/30/2010	4,149.00	5.91	89.37	IncAzi-MWD	Scientific Drilling
03/30/2010	4,239.00	3.77	90.15	IncAzi-MWD	Scientific Drilling
03/30/2010	4,292.00	2.49	94.91	IncAzi-MWD	Scientific Drilling
03/30/2010	4,349.00	1.11	100.03	Projection	Scientific Drilling

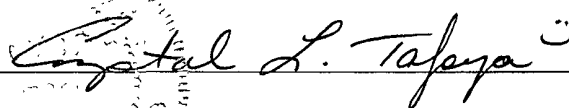
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	04/05/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/05/2010	6,401.00	1.00	.00	Inc-WL	PHOENIX

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 August 20, 2010



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

8/20/2010 12:35:02 PM