

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35256	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7367	⁵ Property Name NYE FEDERAL	⁶ Well Number 2N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5793'

¹⁰ Surface Location

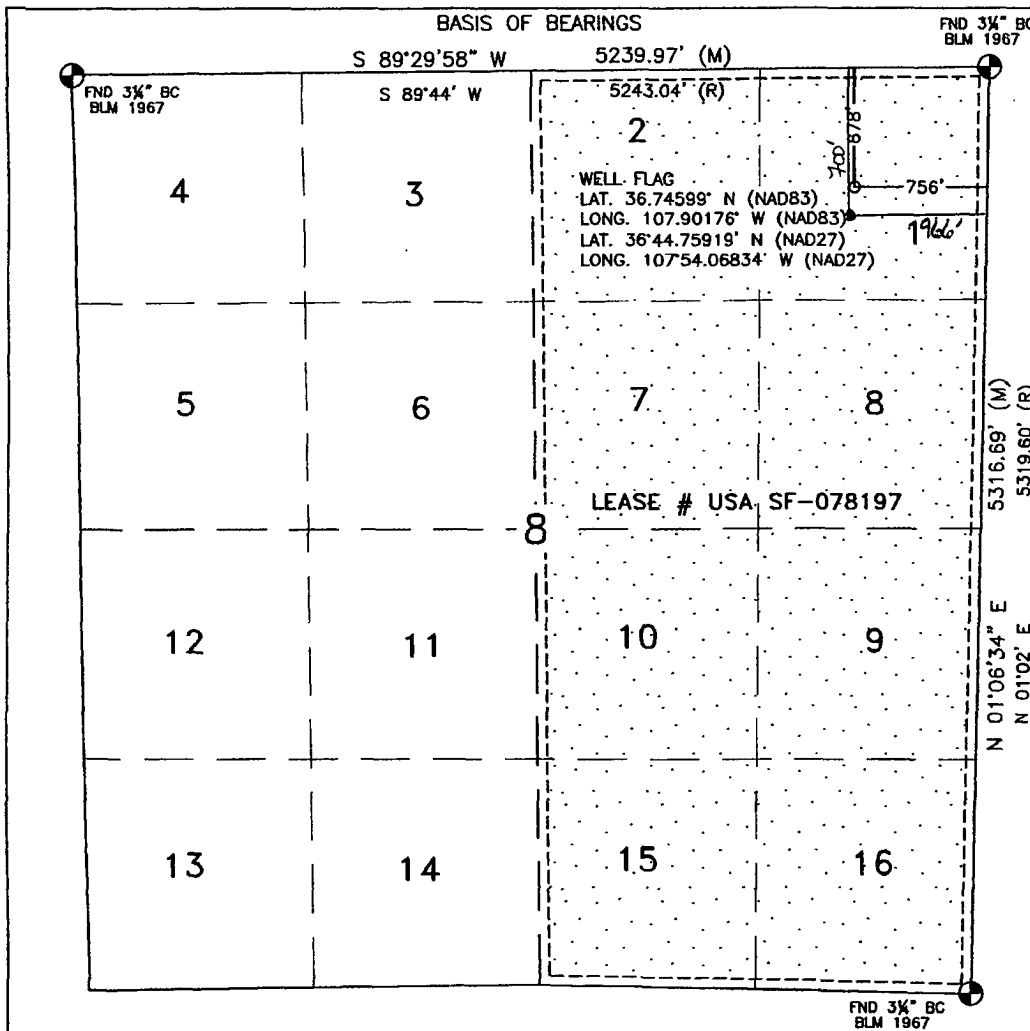
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	29N	10W	1	678'	NORTH	756'	EAST	SAN JUAN

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
A	8	29N	10W		700	NORTH	966	EAST	SAN JUAN
¹² Dedicated Acres 308.68 ACRES - E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. RCVD JUL 2 '12 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

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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 6/29/12
Signature Date

Crystal Tafoya 6/29/12
Printed Name

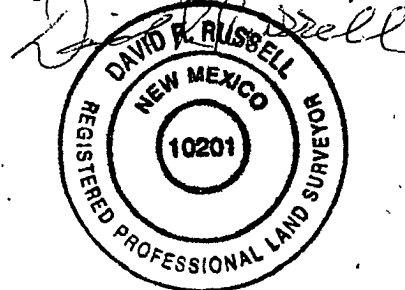
18 SURVEYOR CERTIFICATION

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.

JUNE 15, 2010

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number 10201

Legal WellName : NYE FEDERAL #2N	API / UWI: 3004535256
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 008-029N-010W-A
St/Prov: NEW MEXICO	N/S Dist (ft): 678.00 - FNL
County: SAN JUAN	E/W Dist (ft): 756.00 - FEL

RCVD JUL 2 '12
OIL CONS. DIV.
DIST. 3

Wellbore Name : Original Hole				
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	03/19/2012	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/19/2012	130.00	.50	.00	Inc-WL	MO TE DRILLING INC
03/19/2012	238.00	.75	.00	Inc-WL	MO TE DRILLING INC

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEYS	03/25/2012	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/25/2012	.00	.00	.00	IncAzi-MWD	Scientific Drilling
03/25/2012	267.00	.88	264.15	IncAzi-MWD	Scientific Drilling
03/25/2012	329.00	1.43	249.25	IncAzi-MWD	Scientific Drilling
03/25/2012	391.00	2.31	250.58	IncAzi-MWD	Scientific Drilling
03/25/2012	453.00	3.77	258.51	IncAzi-MWD	Scientific Drilling
03/25/2012	514.00	4.45	261.55	IncAzi-MWD	Scientific Drilling
03/25/2012	575.00	4.32	263.66	IncAzi-MWD	Scientific Drilling
03/25/2012	637.00	4.34	260.60	IncAzi-MWD	Scientific Drilling
03/25/2012	698.00	4.52	258.08	IncAzi-MWD	Scientific Drilling
03/25/2012	759.00	4.89	260.00	IncAzi-MWD	Scientific Drilling
03/25/2012	821.00	5.05	259.50	IncAzi-MWD	Scientific Drilling
03/25/2012	887.00	5.11	259.93	IncAzi-MWD	Scientific Drilling
03/25/2012	951.00	5.28	259.39	IncAzi-MWD	Scientific Drilling
03/25/2012	1,014.00	5.40	266.58	IncAzi-MWD	Scientific Drilling
03/25/2012	1,077.00	5.81	266.02	IncAzi-MWD	Scientific Drilling
03/25/2012	1,140.00	5.82	268.86	IncAzi-MWD	Scientific Drilling
03/25/2012	1,204.00	5.66	266.62	IncAzi-MWD	Scientific Drilling
03/25/2012	1,267.00	5.81	267.56	IncAzi-MWD	Scientific Drilling
03/25/2012	1,331.00	5.59	267.71	IncAzi-MWD	Scientific Drilling
03/25/2012	1,394.00	5.45	266.87	IncAzi-MWD	Scientific Drilling
03/25/2012	1,457.00	5.67	265.78	IncAzi-MWD	Scientific Drilling
03/25/2012	1,520.00	5.66	268.53	IncAzi-MWD	Scientific Drilling
03/25/2012	1,583.00	4.87	271.15	IncAzi-MWD	Scientific Drilling
03/25/2012	1,646.00	4.74	273.88	IncAzi-MWD	Scientific Drilling
03/25/2012	1,709.00	4.78	267.13	IncAzi-MWD	Scientific Drilling
03/25/2012	1,773.00	4.94	262.27	IncAzi-MWD	Scientific Drilling
03/25/2012	1,836.00	4.74	262.25	IncAzi-MWD	Scientific Drilling

03/25/2012	1,899.00	4.63	262.32	IncAzi-MWD	Scientific Drilling
03/25/2012	1,963.00	4.79	266.56	IncAzi-MWD	Scientific Drilling
03/25/2012	2,025.00	4.49	267.24	IncAzi-MWD	Scientific Drilling
03/25/2012	2,089.00	4.47	269.74	IncAzi-MWD	Scientific Drilling
03/25/2012	2,151.00	4.66	266.32	IncAzi-MWD	Scientific Drilling
03/25/2012	2,215.00	4.99	267.87	IncAzi-MWD	Scientific Drilling
03/25/2012	2,278.00	5.13	267.89	IncAzi-MWD	Scientific Drilling
03/25/2012	2,341.00	4.73	269.36	IncAzi-MWD	Scientific Drilling
03/25/2012	2,404.00	4.42	266.82	IncAzi-MWD	Scientific Drilling
03/25/2012	2,467.00	4.15	268.92	IncAzi-MWD	Scientific Drilling
03/25/2012	2,530.00	3.87	267.59	IncAzi-MWD	Scientific Drilling
03/25/2012	2,593.00	3.54	260.93	IncAzi-MWD	Scientific Drilling
03/26/2012	2,656.00	3.26	260.49	IncAzi-MWD	Scientific Drilling
03/26/2012	2,720.00	3.18	263.74	IncAzi-MWD	Scientific Drilling
03/26/2012	2,783.00	2.47	258.05	IncAzi-MWD	Scientific Drilling
03/26/2012	2,847.00	1.93	252.71	IncAzi-MWD	Scientific Drilling
03/26/2012	2,910.00	.96	259.10	IncAzi-MWD	Scientific Drilling
03/26/2012	2,974.00	1.03	262.06	IncAzi-MWD	Scientific Drilling
03/26/2012	3,037.00	1.17	236.82	IncAzi-MWD	Scientific Drilling
03/26/2012	3,101.00	1.36	253.67	IncAzi-MWD	Scientific Drilling
03/26/2012	3,165.00	.77	259.83	IncAzi-MWD	Scientific Drilling
03/26/2012	3,229.00	.48	324.41	IncAzi-MWD	Scientific Drilling
03/26/2012	3,291.00	.39	157.58	IncAzi-MWD	Scientific Drilling
03/26/2012	3,355.00	.32	198.83	IncAzi-MWD	Scientific Drilling
03/26/2012	3,417.00	.31	54.63	IncAzi-MWD	Scientific Drilling
03/26/2012	3,481.00	.03	46.28	IncAzi-MWD	Scientific Drilling
03/26/2012	3,544.00	.43	152.64	IncAzi-MWD	Scientific Drilling
03/26/2012	3,607.00	.14	262.91	IncAzi-MWD	Scientific Drilling
03/26/2012	3,670.00	.34	169.03	IncAzi-MWD	Scientific Drilling
03/26/2012	3,733.00	.26	172.07	IncAzi-MWD	Scientific Drilling
03/26/2012	3,776.00	.24	207.39	IncAzi-MWD	Scientific Drilling
03/27/2012	4,075.00	.50	.00	Inc-Drop	AZTEC DRILLING

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	04/05/2012	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/05/2012	6,672.00	2.00	.00	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.

Ben Thomas

Subscribed and sworn to me this June 29, 2012.

Crystal L. Tapaya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014





REV JUL 2 '12
01 COMS.DM
DS.3

ConocoPhillips

SJB (NM West)

SEC 08-T29N R10W

NYE Federal 2N

API # 30.045: 35256
OH

Design: OH

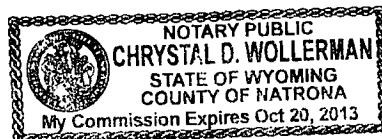
Standard Survey Report

02 April, 2012

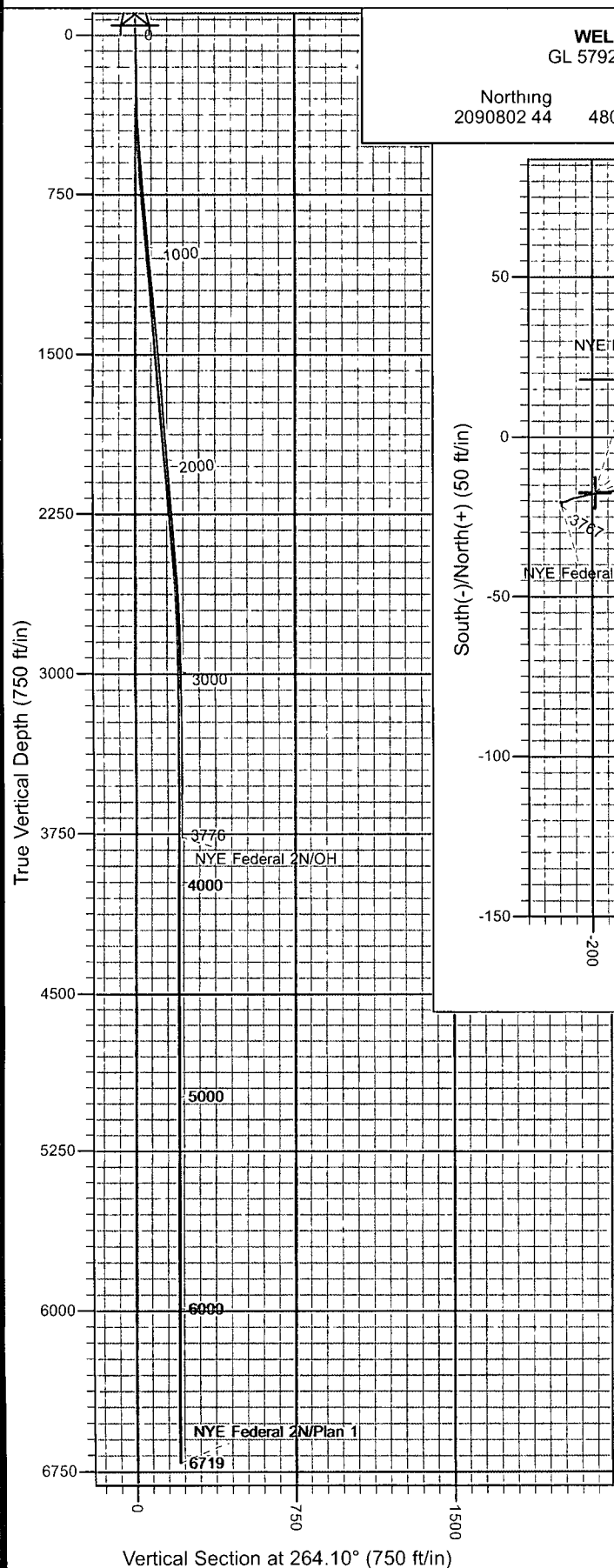
This survey is correct to the best of my knowledge and is supported by actual field data.

Notarized this date 2nd of April, 2012.

Notary Signature
County of Natrona
State of Wyoming



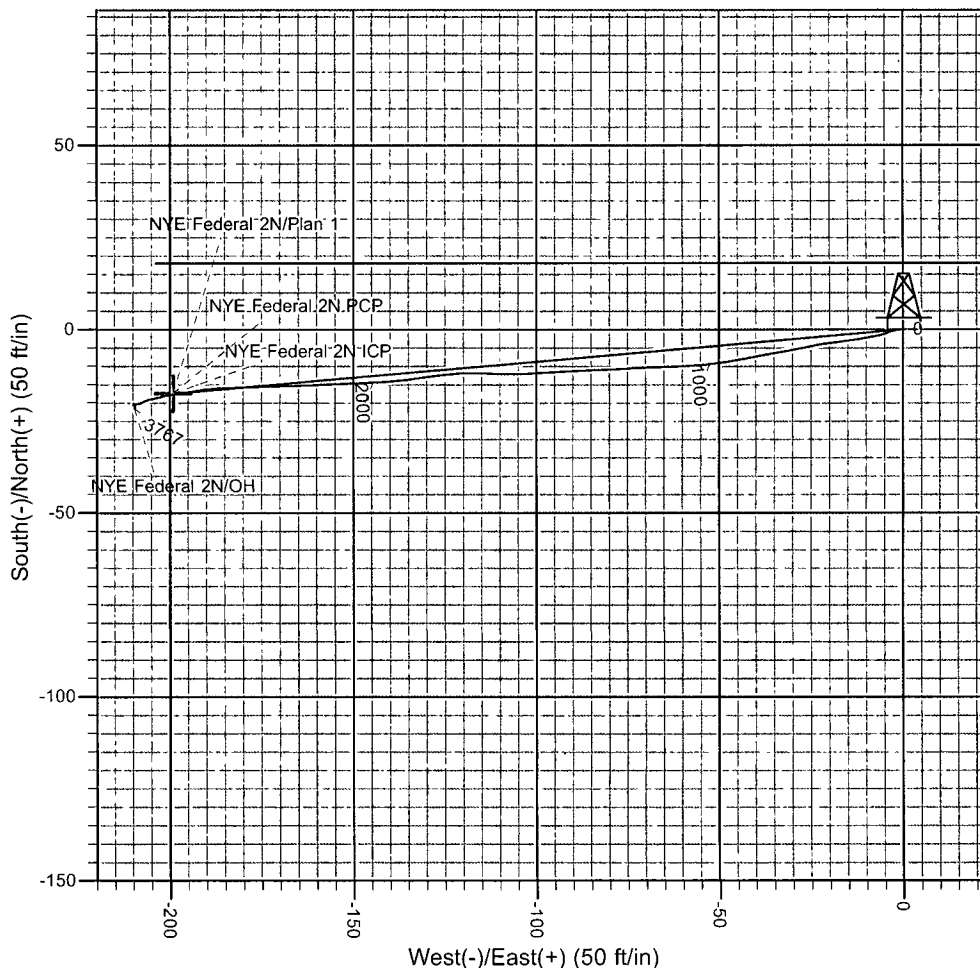
Scientific Drilling



WELL DETAILS: NYE Federal 2N
GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Ground Level: 5792.0

Northing	Easting	Latitude	Longitude
2090802 44	480134 08	36° 44' 45 551 N	107° 54' 4.100 W

MAzimuths to True North
Magnetic North 9 86°
Magnetic Field
Strength 50615 0snT
Dip Angle: 63 42°
Date 03/22/2012
Model BGGM2011



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well NYE Federal 2N, True North
Vertical (TVD) Reference: GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Calculation Method: Minimum Curvature

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

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
Project:	SJB (NM West)	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Site:	SEC 08-T29N R10W	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Well:	NYE Federal 2N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003 21 Single User Db

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 08-T29N R10W			
Site Position:		Northing:	2,090,802.44 ft	Latitude:	36° 44' 45.551 N
From:	Lat/Long	Easting:	480,134.08 ft	Longitude:	107° 54' 4.100 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.04 °

Well	NYE Federal 2N, 678' FNL 756' FEL					
Well Position	+N/-S	0.0 ft	Northing:	2,090,802.44 ft	Latitude:	36° 44' 45.551 N
	+E/-W	0.0 ft	Easting:	480,134.08 ft	Longitude:	107° 54' 4.100 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,792.0 ft

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	03/22/12	9.86	63.42	50,615

Design	OH
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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	264.10

Survey Program	Date	04/02/12			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
267.0	3,776.0	Survey #1 (OH)	MWD SDI	MWD - Standard ver 1.0.1	

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
267.0	0.88	264.15	267.0	-0.2	-2.0	2.1	0.33	0.33	0.00
First SDI MWD Survey									
329.0	1.43	249.25	329.0	-0.5	-3.2	3.3	1.00	0.89	-24.03
391.0	2.31	250.58	390.9	-1.2	-5.1	5.2	1.42	1.42	2.15
453.0	3.77	258.51	452.9	-2.0	-8.3	8.5	2.45	2.35	12.79
514.0	4.45	261.55	513.7	-2.8	-12.6	12.8	1.17	1.11	4.98
575.0	4.32	263.66	574.5	-3.4	-17.2	17.5	0.34	-0.21	3.46
637.0	4.34	260.60	636.3	-4.0	-21.9	22.2	0.37	0.03	-4.94
698.0	4.52	258.08	697.2	-4.9	-26.5	26.9	0.43	0.30	-4.13
759.0	4.89	260.00	758.0	-5.9	-31.4	31.9	0.66	0.61	3.15
821.0	5.05	259.50	819.7	-6.8	-36.7	37.2	0.27	0.26	-0.81
887.0	5.11	259.93	885.5	-7.9	-42.5	43.0	0.11	0.09	0.65

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
Project:	SJB (NM West)	TVD Reference:	GL 5792' & KB 15' @ 5807 0ft (AWS 730)
Site:	SEC 08-T29N R10W	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Well:	NYE Federal 2N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

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)	
951.0	5.28	259.39	949.2	-8.9	-48.2	48.8	0.28	0.27	-0.84	
1,014.0	5.40	266.58	1,011.9	-9.6	-54.0	54.7	1.08	0.19	11.41	
1,077.0	5.81	266.02	1,074.6	-10.0	-60.1	60.8	0.66	0.65	-0.89	
1,140.0	5.82	268.86	1,137.3	-10.3	-66.5	67.2	0.46	0.02	4.51	
1,204.0	5.66	266.62	1,201.0	-10.5	-72.9	73.6	0.43	-0.25	-3.50	
1,267.0	5.81	267.56	1,263.7	-10.9	-79.2	79.9	0.28	0.24	1.49	
1,331.0	5.59	267.71	1,327.3	-11.1	-85.5	86.2	0.34	-0.34	0.23	
1,394.0	5.45	266.87	1,390.1	-11.4	-91.6	92.3	0.26	-0.22	-1.33	
1,457.0	5.67	265.78	1,452.8	-11.8	-97.7	98.4	0.39	0.35	-1.73	
1,520.0	5.66	268.53	1,515.5	-12.1	-103.9	104.6	0.43	-0.02	4.37	
1,583.0	4.87	271.15	1,578.2	-12.1	-109.6	110.3	1.31	-1.25	4.16	
1,646.0	4.74	273.88	1,641.0	-11.9	-114.9	115.5	0.42	-0.21	4.33	
1,709.0	4.78	267.13	1,703.7	-11.9	-120.1	120.7	0.89	0.06	-10.71	
1,773.0	4.94	262.27	1,767.5	-12.4	-125.5	126.1	0.69	0.25	-7.59	
1,836.0	4.74	262.25	1,830.3	-13.1	-130.8	131.4	0.32	-0.32	-0.03	
1,899.0	4.63	262.32	1,893.1	-13.8	-135.9	136.6	0.17	-0.17	0.11	
1,963.0	4.79	266.56	1,956.9	-14.3	-141.1	141.8	0.60	0.25	6.63	
2,025.0	4.49	267.24	2,018.7	-14.5	-146.1	146.9	0.49	-0.48	1.10	
2,089.0	4.47	269.74	2,082.5	-14.7	-151.1	151.8	0.31	-0.03	3.91	
2,151.0	4.66	266.32	2,144.3	-14.9	-156.1	156.8	0.54	0.31	-5.52	
2,215.0	4.99	267.87	2,208.0	-15.1	-161.4	162.1	0.55	0.52	2.42	
2,278.0	5.13	267.89	2,270.8	-15.3	-167.0	167.7	0.22	0.22	0.03	
2,341.0	4.73	269.36	2,333.6	-15.5	-172.4	173.1	0.67	-0.63	2.33	
2,404.0	4.42	266.82	2,396.4	-15.6	-177.4	178.1	0.59	-0.49	-4.03	
2,467.0	4.15	268.92	2,459.2	-15.8	-182.1	182.8	0.50	-0.43	3.33	
2,530.0	3.87	267.59	2,522.0	-15.9	-186.5	187.2	0.47	-0.44	-2.11	
2,593.0	3.54	260.93	2,584.9	-16.3	-190.6	191.2	0.86	-0.52	-10.57	
2,656.0	3.26	260.49	2,647.8	-16.9	-194.3	195.0	0.45	-0.44	-0.70	
2,720.0	3.18	263.74	2,711.7	-17.4	-197.8	198.6	0.31	-0.13	5.08	
2,783.0	2.47	258.05	2,774.6	-17.9	-200.9	201.7	1.21	-1.13	-9.03	
2,847.0	1.93	252.71	2,838.6	-18.5	-203.3	204.1	0.90	-0.84	-8.34	
2,910.0	0.96	259.10	2,901.5	-18.9	-204.8	205.7	1.56	-1.54	10.14	
2,974.0	1.03	262.06	2,965.5	-19.1	-205.9	206.8	0.14	0.11	4.63	
3,037.0	1.17	236.82	3,028.5	-19.5	-207.0	207.9	0.79	0.22	-40.06	
3,101.0	1.36	253.67	3,092.5	-20.1	-208.3	209.2	0.65	0.30	26.33	
3,165.0	0.77	259.83	3,156.5	-20.4	-209.4	210.4	0.94	-0.92	9.63	
3,229.0	0.48	324.41	3,220.5	-20.2	-210.0	211.0	1.11	-0.45	100.91	
3,291.0	0.39	157.58	3,282.5	-20.2	-210.1	211.0	1.39	-0.15	-269.08	
3,355.0	0.32	198.83	3,346.5	-20.6	-210.0	211.0	0.40	-0.11	64.45	
3,417.0	0.31	54.63	3,408.5	-20.7	-210.0	211.0	0.97	-0.02	-232.58	
3,481.0	0.03	46.28	3,472.5	-20.6	-209.8	210.8	0.44	-0.44	-13.05	
3,544.0	0.43	152.64	3,535.5	-20.8	-209.7	210.7	0.70	0.63	168.83	
3,607.0	0.14	262.91	3,598.5	-21.0	-209.7	210.7	0.79	-0.46	175.03	
3,670.0	0.34	169.03	3,661.5	-21.2	-209.7	210.8	0.60	0.32	-149.02	
3,733.0	0.26	172.07	3,724.5	-21.5	-209.6	210.7	0.13	-0.13	4.83	
3,776.0	0.24	207.39	3,767.5	-21.7	-209.7	210.8	0.36	-0.05	82.14	
Last SDI MWD Survey										



Scientific Drilling
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
Project:	SJB (NM West)	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Site:	SEC 08-T29N R10W	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 730)
Well:	NYE Federal 2N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

Checked By: _____ Approved By: _____ Date: _____