

RECEIVED

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

MAR 23 2012

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management1. Type of Well
GAS5. Lease Number
SF-0781976. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Nye Federal 2N

9. API Well No.

30-045-35256

4. Location of Well, Footage, Sec., T, R, M

Unit A (NENE), 678' FNL & 756' FEL, Section 8, T29N, R10W, NMPM

10. Field and Pool
Blanco MV / Basin DK11. County and State
San Juan, NM**BHL 695' FNL + 955' FEL****12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission

Type of Action

☒ Notice of Intent☐ Abandonment☒ Change of Plans☐ Other -☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to InjectionHold C104
for Directional Survey
and "As Drilled" plat**13. Describe Proposed or Completed Operations**

The subject well is 111' from an existing FC location with a TD of 2200'. Burlington Resources requests permission to use directional tools in the subject well to nudge the well to the west approximately 200' at a 5 degree inclination past 2200' and then return to vertical. Directional drill surveys will be submitted.

Verbal approval received from BLM (Jim Lovato) and OCD (Brandon Powell) on 3/22/2012.

RCVD APR 5 '12**OIL CONS. DIV.****DIST. 3**Hold C104
for Directional Survey
and "As Drilled" plat**14. I hereby certify that the foregoing is true and correct.**Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 3/22/2012

(This space for Federal or State Office use)

APPROVED BY Shen C. Valdez Title PEDate 3/30/12

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations

NMOCD
W



ConocoPhillips

SJB (NM West)

SEC 8 T29N R10W

NYE Federal 2N

OH

Plan: Plan 1

Standard Planning Report

22 March, 2012



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well NYE Federal 2N
Company:	ConocoPhillips	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Project:	SJB (NM West)	MD Reference:	GL 5792' & KB 15' @ 5807 0ft (AWS 673)
Site:	SEC 8 T29N R10W	North Reference:	True
Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

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 8 T29N R10W		
Site Position:		Northing:	2,090,802.44 ft
From:	Lat/Long	Easting:	480,134.08 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 44' 45.551 N
		Longitude:	107° 54' 4.100 W
		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
	+E/-W	0.0 ft	Easting: 480,134.08 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 44' 45.551 N
		Longitude:	107° 54' 4.100 W
		Ground Level:	5,792.0 ft

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

Design:	Plan 1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			265.00

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	
323.0	0.00	0.00	323.0	0.0	0.0	0.00	0.00	0.00	0.00	
573.0	5.00	265.00	572.7	-1.0	-10.9	2.00	2.00	0.00	265.00	
2,492.5	5.00	265.00	2,484.9	-15.5	-177.5	0.00	0.00	0.00	0.00	
2,992.5	0.00	0.00	2,984.2	-17.4	-199.2	1.00	-1.00	0.00	180.00	
4,067.3	0.00	0.00	4,059.0	-17.4	-199.2	0.00	0.00	0.00	0.00	NYE Federal 2N ICP
6,719.3	0.00	0.00	6,711.0	-17.4	-199.2	0.00	0.00	0.00	0.00	NYE Federal 2N PCP

Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well NYE Federal 2N
Company:	ConocoPhillips	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Project:	SJB (NM West)	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Site:	SEC 8 T29N R10W	North Reference:	True
Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

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	
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	
233.0	0.00	0.00	233.0	0.0	0.0	0.0	0.00	0.00	0.00	
Surface Casing										
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
323.0	0.00	0.00	323.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	1.54	265.00	400.0	-0.1	-1.0	1.0	2.00	2.00	0.00	
500.0	3.54	265.00	499.9	-0.5	-5.4	5.5	2.00	2.00	0.00	
573.0	5.00	265.00	572.7	-1.0	-10.9	10.9	2.00	2.00	0.00	
600.0	5.00	265.00	599.6	-1.2	-13.2	13.3	0.00	0.00	0.00	
700.0	5.00	265.00	699.2	-1.9	-21.9	22.0	0.00	0.00	0.00	
800.0	5.00	265.00	798.8	-2.7	-30.6	30.7	0.00	0.00	0.00	
886.5	5.00	265.00	885.0	-3.3	-38.1	38.2	0.00	0.00	0.00	
Ojo Alamo										
900.0	5.00	265.00	898.4	-3.4	-39.3	39.4	0.00	0.00	0.00	
1,000.0	5.00	265.00	998.1	-4.2	-47.9	48.1	0.00	0.00	0.00	
1,072.2	5.00	265.00	1,070.0	-4.7	-54.2	54.4	0.00	0.00	0.00	
Kirtland										
1,100.0	5.00	265.00	1,097.7	-5.0	-56.6	56.8	0.00	0.00	0.00	
1,200.0	5.00	265.00	1,197.3	-5.7	-65.3	65.5	0.00	0.00	0.00	
1,300.0	5.00	265.00	1,296.9	-6.5	-74.0	74.3	0.00	0.00	0.00	
1,400.0	5.00	265.00	1,396.5	-7.2	-82.7	83.0	0.00	0.00	0.00	
1,500.0	5.00	265.00	1,496.2	-8.0	-91.3	91.7	0.00	0.00	0.00	
1,600.0	5.00	265.00	1,595.8	-8.8	-100.0	100.4	0.00	0.00	0.00	
1,673.5	5.00	265.00	1,669.0	-9.3	-106.4	106.8	0.00	0.00	0.00	
Fruitland										
1,700.0	5.00	265.00	1,695.4	-9.5	-108.7	109.1	0.00	0.00	0.00	
1,800.0	5.00	265.00	1,795.0	-10.3	-117.4	117.8	0.00	0.00	0.00	
1,900.0	5.00	265.00	1,894.6	-11.0	-126.1	126.6	0.00	0.00	0.00	
2,000.0	5.00	265.00	1,994.3	-11.8	-134.8	135.3	0.00	0.00	0.00	
2,100.0	5.00	265.00	2,093.9	-12.5	-143.4	144.0	0.00	0.00	0.00	
2,199.5	5.00	265.00	2,193.0	-13.3	-152.1	152.7	0.00	0.00	0.00	
Pictured Cliffs										
2,200.0	5.00	265.00	2,193.5	-13.3	-152.1	152.7	0.00	0.00	0.00	
2,297.9	5.00	265.00	2,291.0	-14.1	-160.6	161.2	0.00	0.00	0.00	
Lewis										
2,300.0	5.00	265.00	2,293.1	-14.1	-160.8	161.4	0.00	0.00	0.00	
2,400.0	5.00	265.00	2,392.7	-14.8	-169.5	170.1	0.00	0.00	0.00	
2,492.5	5.00	265.00	2,484.9	-15.5	-177.5	178.2	0.00	0.00	0.00	
2,500.0	4.93	265.00	2,492.4	-15.6	-178.2	178.8	1.00	-1.00	0.00	
2,600.0	3.93	265.00	2,592.1	-16.3	-185.9	186.6	1.00	-1.00	0.00	
2,700.0	2.93	265.00	2,691.9	-16.8	-191.8	192.5	1.00	-1.00	0.00	
2,800.0	1.93	265.00	2,791.8	-17.1	-196.0	196.8	1.00	-1.00	0.00	
2,900.0	0.93	265.00	2,891.7	-17.4	-198.5	199.3	1.00	-1.00	0.00	
2,981.3	0.11	265.00	2,973.0	-17.4	-199.2	200.0	1.00	-1.00	0.00	
Huerfano Bentonite										
2,992.5	0.00	0.00	2,984.2	-17.4	-199.2	200.0	1.00	-1.00	0.00	
3,000.0	0.00	0.00	2,991.7	-17.4	-199.2	200.0	0.00	0.00	0.00	
3,100.0	0.00	0.00	3,091.7	-17.4	-199.2	200.0	0.00	0.00	0.00	
3,193.3	0.00	0.00	3,185.0	-17.4	-199.2	200.0	0.00	0.00	0.00	
Chacra										
3,200.0	0.00	0.00	3,191.7	-17.4	-199.2	200.0	0.00	0.00	0.00	

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Site:	SEC 8 T29N R10W	North Reference:	True
Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

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)
3,300.0	0.00	0.00	3,291.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,391.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,491.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,591.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,691.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,778.3	0.00	0.00	3,770.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Upper Cliff House									
3,800.0	0.00	0.00	3,791.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,865.3	0.00	0.00	3,857.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Massive Cliff House									
3,900.0	0.00	0.00	3,891.7	-17.4	-199.2	200.0	0.00	0.00	0.00
3,917.3	0.00	0.00	3,909.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Menefee									
4,000.0	0.00	0.00	3,991.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,067.3	0.00	0.00	4,059.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Intermediate Casing									
4,100.0	0.00	0.00	4,091.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,191.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,291.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,391.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,473.3	0.00	0.00	4,465.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Point Lookout									
4,500.0	0.00	0.00	4,491.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,591.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,691.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,791.7	-17.4	-199.2	200.0	0.00	0.00	0.00
4,879.3	0.00	0.00	4,871.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Mancos									
4,900.0	0.00	0.00	4,891.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,991.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,091.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,191.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,291.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,391.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,491.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,591.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,691.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,713.3	0.00	0.00	5,705.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Upper Gallup									
5,800.0	0.00	0.00	5,791.7	-17.4	-199.2	200.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,891.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,991.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,091.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,191.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,291.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,391.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,463.3	0.00	0.00	6,455.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Greenhorn									
6,500.0	0.00	0.00	6,491.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,517.3	0.00	0.00	6,509.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Graneros									
6,580.3	0.00	0.00	6,572.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Two Wells									

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Site:	SEC 8 T29N R10W	North Reference:	True
Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

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)
6,600.0	0.00	0.00	6,591.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,640.3	0.00	0.00	6,632.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Paguate									
6,698.3	0.00	0.00	6,690.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Lower Cubero - Upper Cubero									
6,700.0	0.00	0.00	6,691.7	-17.4	-199.2	200.0	0.00	0.00	0.00
6,719.3	0.00	0.00	6,711.0	-17.4	-199.2	200.0	0.00	0.00	0.00
Production Casing									

Design 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									
NYE Federal 2N ICP	0.00	0.00	4,059.0	-17.4	-199.2	2,090,785.15	479,934.84	36° 44' 45.379 N	107° 54' 6.548 W
- plan hits target center									
- Point									
NYE Federal 2N PCP	0.00	0.00	6,711.0	-17.4	-199.2	2,090,785.15	479,934.84	36° 44' 45.379 N	107° 54' 6.548 W
- plan hits target center									
- Point									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
4,067.3	4,059.0	Intermediate Casing	7	8-3/4
233.0	233.0	Surface Casing	9-5/8	12-1/4
6,719.3	6,711.0	Production Casing	4-1/2	6-1/4

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Project:	SJB (NM West)	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Site:	SEC 8 T29N R10W	North Reference:	True
Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
886.5	885.0	Ojo Alamo		0.00		
1,072.2	1,070.0	Kirtland		0.00		
1,673.5	1,669.0	Fruitland		0.00		
2,199.5	2,193.0	Pictured Cliffs		0.00		
2,297.9	2,291.0	Lewis		0.00		
2,981.3	2,973.0	Huerfano Bentonite		0.00		
3,193.3	3,185.0	Chacra		0.00		
3,778.3	3,770.0	Upper Cliff House		0.00		
3,865.3	3,857.0	Massive Cliff House		0.00		
3,917.3	3,909.0	Menefee		0.00		
4,473.3	4,465.0	Point Lookout		0.00		
4,879.3	4,871.0	Mancos		0.00		
5,713.3	5,705.0	Upper Gallup		0.00		
6,463.3	6,455.0	Greenhorn		0.00		
6,517.3	6,509.0	Graneros		0.00		
6,580.3	6,572.0	Two Wells		0.00		
6,640.3	6,632.0	Paguate		0.00		
6,698.3	6,690.0	Lower Cubero		0.00		
6,698.3	6,690.0	Upper Cubero		0.00		
	6,749.0	Encinal		0.00		

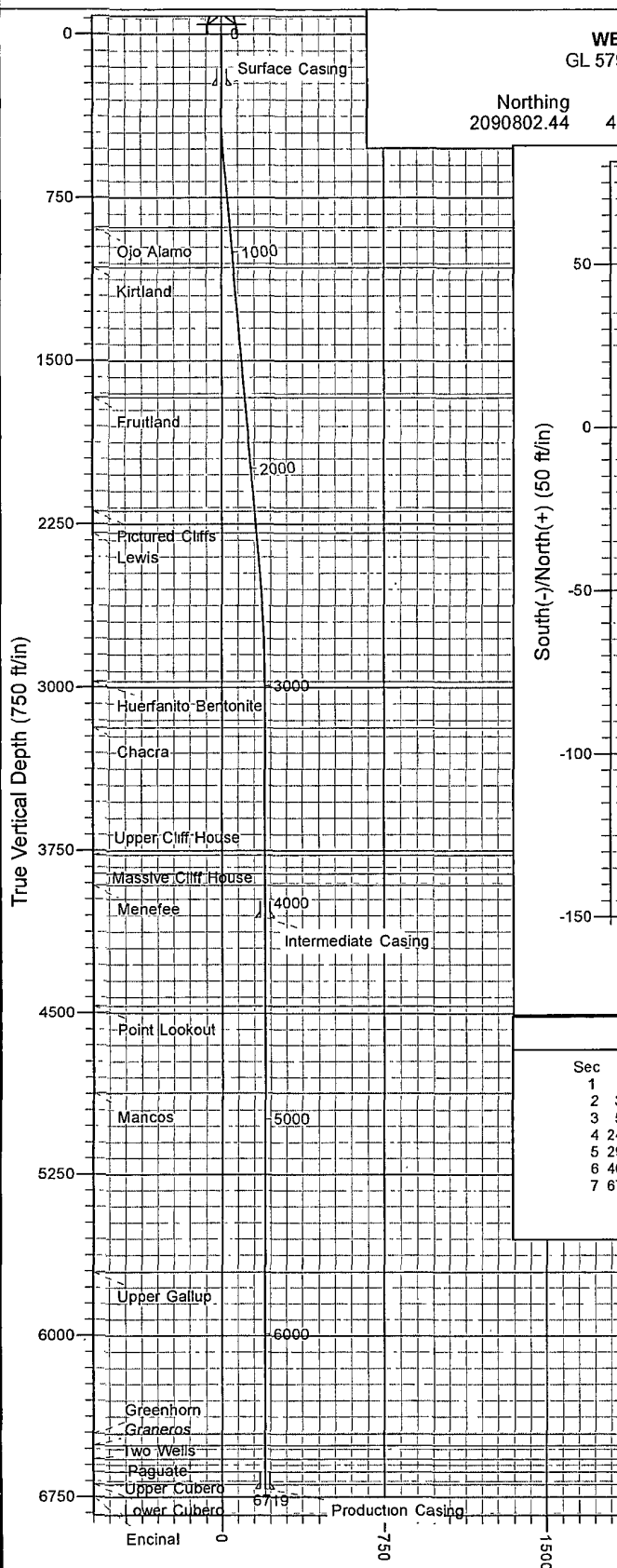


Azimuths to True North
Magnetic North: 9 86°

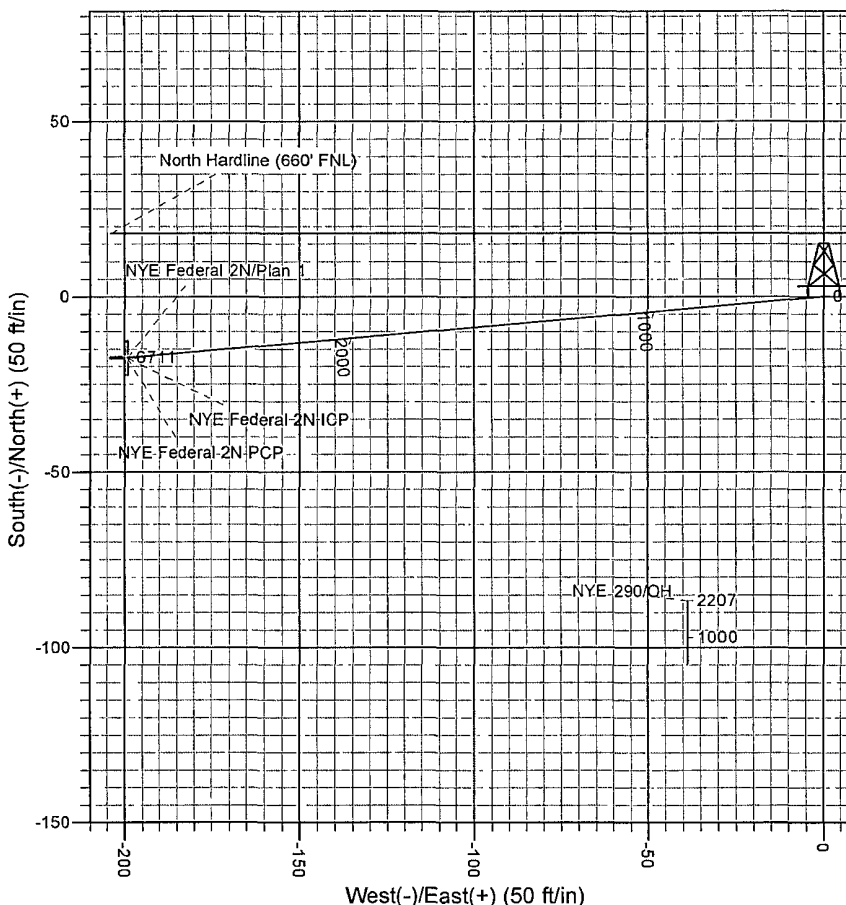
Magnetic Field
Strength: 50615 OsnT
Dip Angle: 63.42°
Date: 03/22/2012
Model: BGGM2010

WELL DETAILS: NYE Federal 2N
GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Ground Level: 5792.0

Northing: 2090802.44 Easting: 480134.08 Latitude: 36° 44' 45.551 N Longitude: 107° 54' 4.100 W



Vertical Section at 265.00° (750 ft/in)



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	323.0	0.00	0.00	323.0	0.0	0.0	0.00	0.00	0.0	
3	573.0	5.00	265.00	572.7	-1.0	-10.9	2.00	265.00	10.9	
4	2492.5	5.00	265.00	2484.9	-15.5	-177.5	0.00	0.00	178.2	
5	2992.5	0.00	0.00	2984.2	-17.4	-199.2	1.00	180.00	200.0	
6	4067.3	0.00	0.00	4059.0	-17.4	-199.2	0.00	0.00	200.0	NYE Federal 2N ICP
7	6719.3	0.00	0.00	6711.0	-17.4	-199.2	0.00	0.00	200.0	NYE Federal 2N PCP

Date: 14:17, March 22 2012

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well NYE Federal 2N, True North
Vertical (TVD) Reference: GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 5792' & KB 15' @ 5807.0ft (AWS 673)
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



ConocoPhillips

**SJB (NM West)
SEC 8 T29N R10W
NYE Federal 2N**

**OH
Plan 1**

Anticollision Report

22 March, 2012



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
Project:	SJB (NM West)	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Reference Site:	SEC 8 T29N R10W	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Site Error:	0.0ft	North Reference:	True
Reference Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore:	OH	Database:	EDM 2003.21 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Reference:	Plan 1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 871.1ft	Error Surface:	Combined Covariances
Warning Levels Evaluated at:	2.89 Sigma		

Survey Tool Program	Date: 03/22/12		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name
0.0	6,719.3	Plan 1 (OH)	MWD SDI
			Description: MWD - Standard ver 1.0.1

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 8 T29N R10W						
NYE 290 - OH - OH	1,089.9	1,088.4	93.0	58.5	2.695	CC
NYE 290 - OH - OH	1,500.0	1,496.9	99.8	51.3	2.057	Caution - Monitor Closely, ES
NYE 290 - OH - OH	2,000.0	1,995.0	123.0	58.1	1.897	Caution - Monitor Closely, SF

Offset Design: SEC 8 T29N R10W - NYE 290 - OH - OH														Offset Site Error: 0.0 ft
Survey Program: 240;INC+TREND														Offset Well Error: 0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
0.0	0.0	0.0	0.0	0.0	0.0	-159.79	-104.8	-38.6	111.7	110.7	0.91	122.457		
100.0	100.0	100.4	100.4	0.1	1.4	-159.75	-104.6	-38.6	111.5	108.6	2.86	39.016		
200.0	200.0	200.8	200.8	0.3	2.8	-159.85	-104.0	-38.6	111.0	106.1	4.82	23.023		
300.0	300.0	300.9	300.9	0.6	4.8	-159.50	-103.2	-38.6	110.2	102.7	7.49	14.708		
400.0	400.0	400.9	400.9	0.8	7.4	-64.85	-102.3	-38.6	108.9	97.9	11.03	9.872		
500.0	499.9	500.8	500.8	1.0	9.9	-66.90	-101.4	-38.6	106.3	91.7	14.56	7.299		
600.0	599.6	600.5	600.4	1.2	12.4	-70.79	-100.6	-38.6	102.6	84.5	18.07	5.678		
700.0	699.2	700.1	700.1	1.5	14.9	-75.41	-99.7	-38.6	99.2	77.6	21.58	4.598		
800.0	798.8	799.7	799.7	1.7	17.3	-80.32	-98.8	-38.6	96.5	71.6	24.94	3.870		
900.0	898.4	899.3	899.3	2.0	19.7	-85.47	-98.0	-38.6	94.5	66.3	28.22	3.350		
1,000.0	998.1	998.9	998.9	2.3	22.1	-90.79	-97.1	-38.6	93.4	61.9	31.53	2.962		
1,089.9	1,087.6	1,088.4	1,088.4	2.5	24.2	-95.85	-96.3	-38.6	93.0	58.5	34.53	2.695 CC		
1,100.0	1,097.7	1,098.5	1,098.5	2.5	24.4	-96.20	-96.2	-38.6	93.0	58.2	34.87	2.669		
1,200.0	1,197.3	1,198.1	1,198.1	2.8	26.8	-101.59	-95.4	-38.6	93.6	55.3	38.23	2.447 Caution - Monitor Closely		
1,300.0	1,296.9	1,297.7	1,297.7	3.1	29.1	-106.89	-94.5	-38.6	94.9	53.2	41.63	2.279 Caution - Monitor Closely		
1,400.0	1,396.5	1,397.3	1,397.3	3.3	31.5	-111.99	-93.6	-38.6	97.0	51.9	45.07	2.152 Caution - Monitor Closely		
1,500.0	1,496.2	1,496.9	1,496.9	3.6	33.9	-116.85	-92.8	-38.6	99.8	51.3	48.53	2.057 Caution - Monitor Closely, ES		
1,600.0	1,595.8	1,596.6	1,596.5	3.9	36.2	-121.40	-91.9	-38.6	103.4	51.4	52.02	1.988 Caution - Monitor Closely		
1,700.0	1,695.4	1,696.2	1,696.1	4.2	38.6	-125.63	-91.0	-38.6	107.5	52.0	55.52	1.937 Caution - Monitor Closely		
1,800.0	1,795.0	1,795.8	1,795.7	4.4	40.8	-129.53	-90.1	-38.6	112.2	53.5	58.76	1.910 Caution - Monitor Closely		
1,900.0	1,894.6	1,895.4	1,895.3	4.7	42.8	-133.11	-89.3	-38.6	117.4	55.6	61.79	1.900 Caution - Monitor Closely		
2,000.0	1,994.3	1,995.0	1,994.9	5.0	44.9	-136.37	-88.4	-38.6	123.0	58.1	64.83	1.897 Caution - Monitor Closely, SF		
2,100.0	2,093.9	2,094.6	2,094.5	5.3	46.9	-139.34	-87.5	-38.6	128.9	61.0	67.87	1.899 Caution - Monitor Closely		
2,200.0	2,193.5	2,194.2	2,194.1	5.5	48.9	-142.04	-86.7	-38.6	135.2	64.3	70.91	1.907 Caution - Monitor Closely		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Scientific Drilling
Anticollision Report



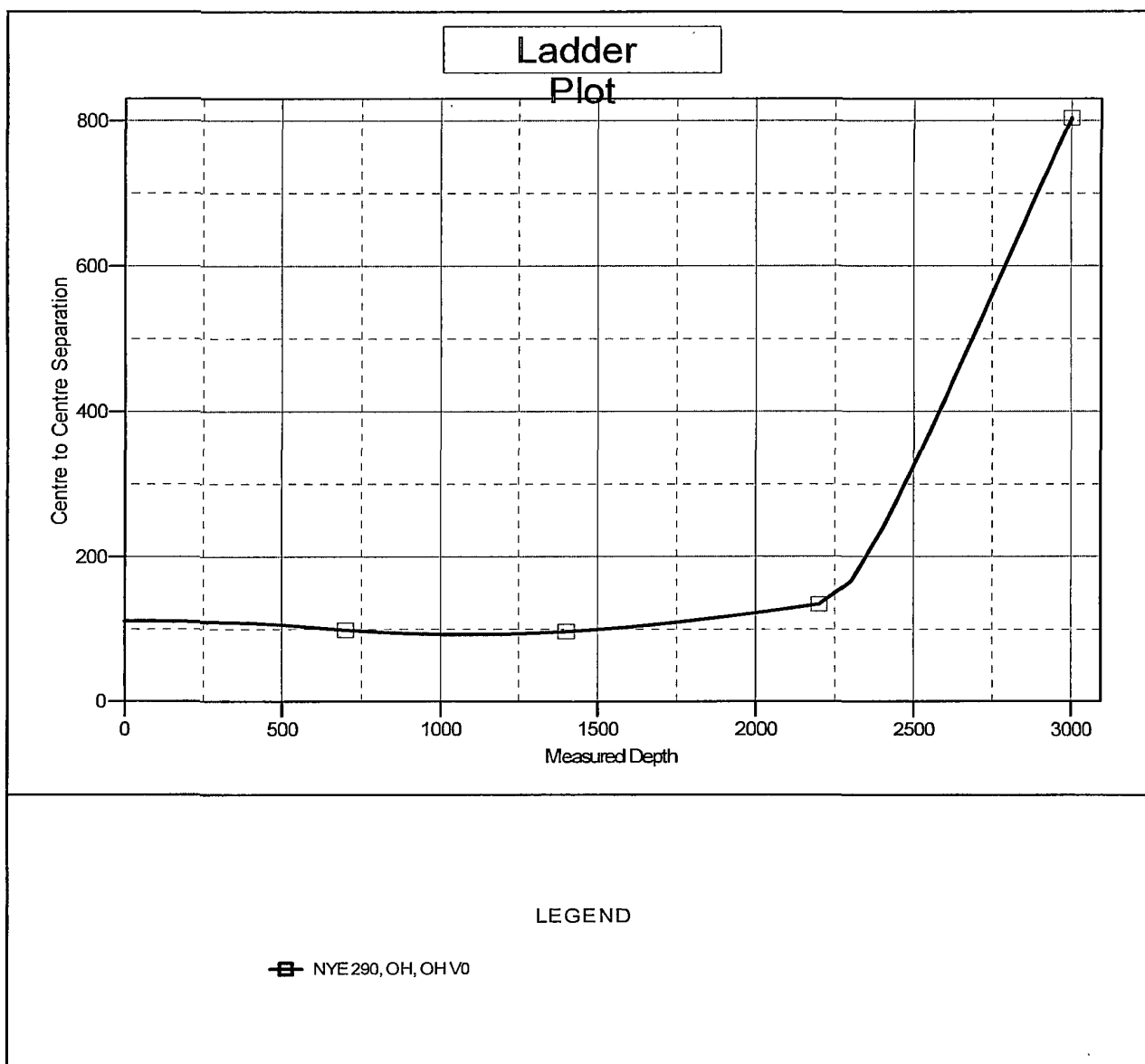
Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
Project:	SJB (NM West)	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Reference Site:	SEC 8 T29N R10W	MD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
Site Error:	0.0ft	North Reference:	True
Reference Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore:	OH	Database:	EDM 2003.21 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SEC 8 T29N R10W - NYE 290 - OH - OH												Offset Well Error:	0.0 ft
Survey Program: 240:INC+TREND													
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N-S	+E-W	(ft)	(ft)	(ft)		
2,300.0	2,293.1	2,207.0	2,206.9	5.8	49.2	-142.37	-86.6	-38.6	166.2	105.2	61.03	2.723	
2,400.0	2,392.7	2,207.0	2,206.9	6.1	49.2	-142.37	-86.6	-38.6	238.3	193.4	44.94	5.303	
2,500.0	2,492.4	2,207.0	2,206.9	6.4	49.2	-142.47	-86.6	-38.6	325.6	290.8	34.78	9.362	
2,600.0	2,592.1	2,207.0	2,206.9	6.6	49.2	-143.96	-86.6	-38.6	418.3	389.8	28.45	14.703	
2,700.0	2,691.9	2,207.0	2,206.9	6.8	49.2	-145.73	-86.6	-38.6	513.3	489.2	24.15	21.260	
2,800.0	2,791.8	2,207.0	2,206.9	6.9	49.2	-147.89	-86.6	-38.6	609.6	588.6	21.00	29.027	
2,900.0	2,891.7	2,207.0	2,206.9	7.1	49.2	-149.77	-86.6	-38.6	706.6	688.1	18.58	38.039	
3,000.0	2,991.7	2,207.0	2,206.9	7.3	49.2	113.28	-86.6	-38.6	804.1	787.5	16.62	48.370	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
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Site Error:	0 0ft	North Reference:	True
Reference Well:	NYE Federal 2N	Survey Calculation Method:	Minimum Curvature
Well Error:	0 0ft	Output errors are at:	2 00 sigma
Reference Wellbore:	OH	Database:	EDM 2003 21 Single User Db
Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 5792' & KB 15' @ 5807 0ft (AWS)
Offset Depths are relative to Offset Datum
Central Meridian is 107° 50' 0.000 W °

Coordinates are relative to NYE Federal 2N
Coordinate System is US State Plane 1927 (Exact solution), New Mexico West 30
Grid Convergence at Surface is: -0.04°



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well NYE Federal 2N
Project:	SJB (NM West)	TVD Reference:	GL 5792' & KB 15' @ 5807.0ft (AWS 673)
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Well Error:	0.0ft	Output errors are at	2.00 sigma
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Reference Design:	Plan 1	Offset TVD Reference:	Offset Datum

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