

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

RECEIVED**FEB 03 2012**

OIL CONS. DIV.

DIST. 3

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

- | | |
|--|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M

Surface: Unit O (SWSE), 1150' FSL & 1722' FEL, Section 12, T30N, R11W, NMPM
BH: Unit N (SESW), 1122' FSL & 1909' FWL, Section 12, T30N, R11W, NMPM</p> | <p>6. Lease Number
SF-078198
If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
NYE SCR 13N</p> <p>9. API Well No.

30-045-35304</p> <p>10. Field and Pool
Blanco MV/Basin DK

San Juan, NM</p> |
|--|---|

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 Injection		

13. Describe Proposed or Completed Operations

1/30/12. Requested permission to set Intermediate casing setting depth deeper than permitted with APD. Original depth was 4,890' (MD) & now will be approx. 5,171'-MD (4,847 TVD). This change is necessary to increase the steerability of the directional drill. Permission was given by Troy Salyers (BLM) & Charlie Perrin (NMOCD). Cement volumes to be adjusted accordingly. Directional Survey will be submitted. Also requested permission to deviate from Master Plan surface setting depth. OCD regulations indicate if next casing set + 5,000', the surface casing should be set @ 320' and well's surface casing was set @ 228'. Verbal approval received from Jim Lovato (BLM) & Charlie Perrin (NMOCD), to proceed since the existing hole conditions dictate no other alternative to reach the target goal. 2/2/12 While drilling interm hole, lost circulation @ 5,199'. Plan now is to set 7" csg @ 5,069'-MD (4,741'-TVD) to isolate Point Lookout & be able to establish circulation. This leaves 130' of fill that will be taken care of with production string. Will cement 7" csg in 2 stages w/ cmt to surface planned on both stages. Cement volumes to be adjusted accordingly. Verbal approval received from Troy Salyers (BLM) & Charlie Perrin (NMOCD) to proceed.

14. I hereby certify that the foregoing is true and correct.

Signed Denise Journey Denise Journey Title: Regulatory Technician Date 2/3/12

(This space for Federal or State Office use)

APPROVED BY Troy L Salyers Title Petroleum Engineer Date 2/6/2012

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

NMOCD *Ar*

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

PC

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE SRC 13N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0136				AFE \$: 1,839,240.44	
Field Name: SAN JUAN		Rig: Aztec Rig 920		State: NM	County: SAN JUAN		API #: 3004535304
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20076	DAKOTA(R20076)						
R20002	MESAVERDE(R20002)						
Location: Surface							
Latitude: 36.822077		Longitude: -107.938910		X:	Y:	Section: 12	Range: 011W
Footage X: 1722 FEL		Footage Y: 1150 FSL		Elevation: 6050 (FT)		Township: 030N	
Tolerance:							
Location: Bottom Hole							
Latitude: 36.822072		Longitude: -107.944386		X:	Y:	Section: 12	Range: 011W
Footage X: 1909 FWL		Footage Y: 1122 FSL		Elevation: (FT)		Township: 030N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6066 . Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	230	5836		☐			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 130 cuft. Circulate cement to surface.
OJO ALAMO	1180	4886		☐			
KIRTLAND	1300	4766		☐			
FRUITLAND	1979	4087		☐			Possible Gas
PICTURED CLIFFS	2587	3479		☐			
LEWIS	2749	3317		☐			
HUERFANITO BENTONITE	3332	2734		☐			
CHACRA	3635	2431		☐			
UPPER CLIFF HOUSE	4115	1951		☐			Gas
MASSIVE CLIFF HOUSE	4208	1858		☐	692		Gas
MENEFEE	4386	1680		☐			Est. Top Perf - 4586 (1480)
Intermediate Casing	4741	1325	5069	☐		147	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1141 cuft. Circulate cement to surface.
POINT LOOKOUT	4855	1211		☐			
MANCOS	5227	839		☐			
UPPER GALLUP	6118	-52		☐			
GREENHORN	6862	-796		☐			
GRANEROS	6917	-851		☐			
TWO WELLS	6970	-904		☐	2099		Gas
PAGUATE	7053	-987		☐			
LOWER CUBERO	7098	-1032		☐			
UPPER CUBERO	7098	-1032		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE SRC 13N

DEVELOPMENT

ENCINAL	7154	-1088	☐		TD - 40' below T/ENCN; Est. Btm Perf - 7174 (- 1108) based on offset wells
Total Depth	7194	-1128	☒	201	6-1/4" hole, 4-1/2" 11.6 ppf, J-55, LTC casing. Cement w/ 376 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Production	Nye 10E	30N 11W 12 NE SW NE
Production	Nye SRC 13E	30N 11W 12 SE NW SW
Production	Nye D 10	30N 11W 12 SW SE

Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Cased Hole GR / CBL

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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New

ConocoPhillips

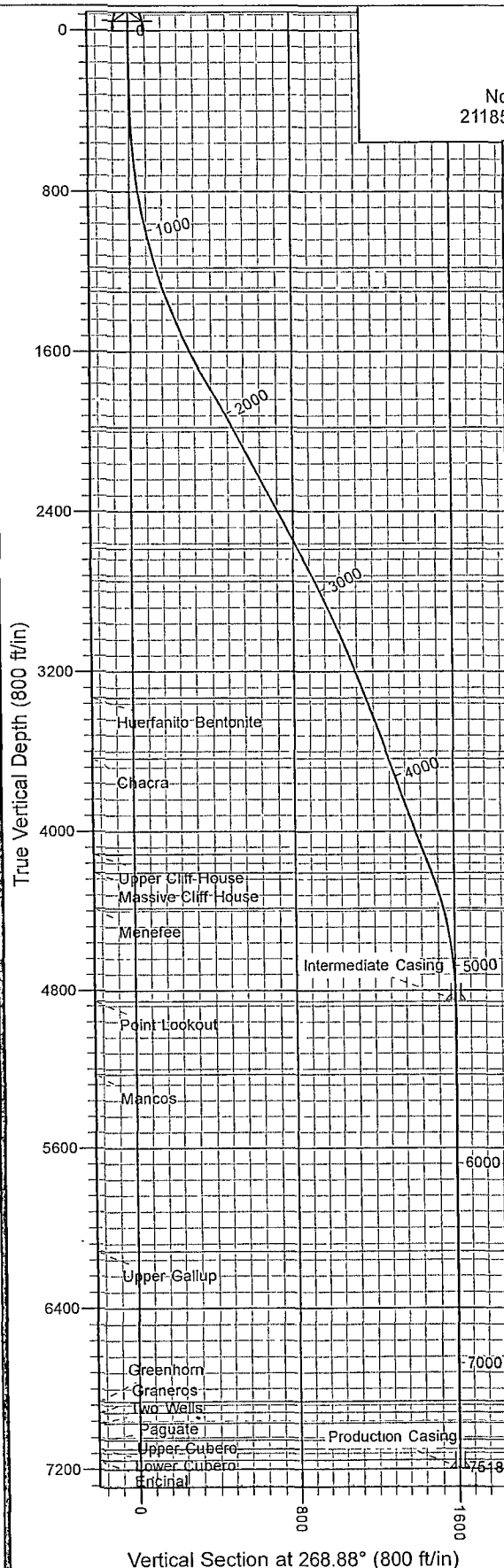
Project: SJB (NM West)
 Site: SEC 12 T30N R11W
 Well: NYE SRC 13N
 Wellbore: OH
 Design: Plan 2



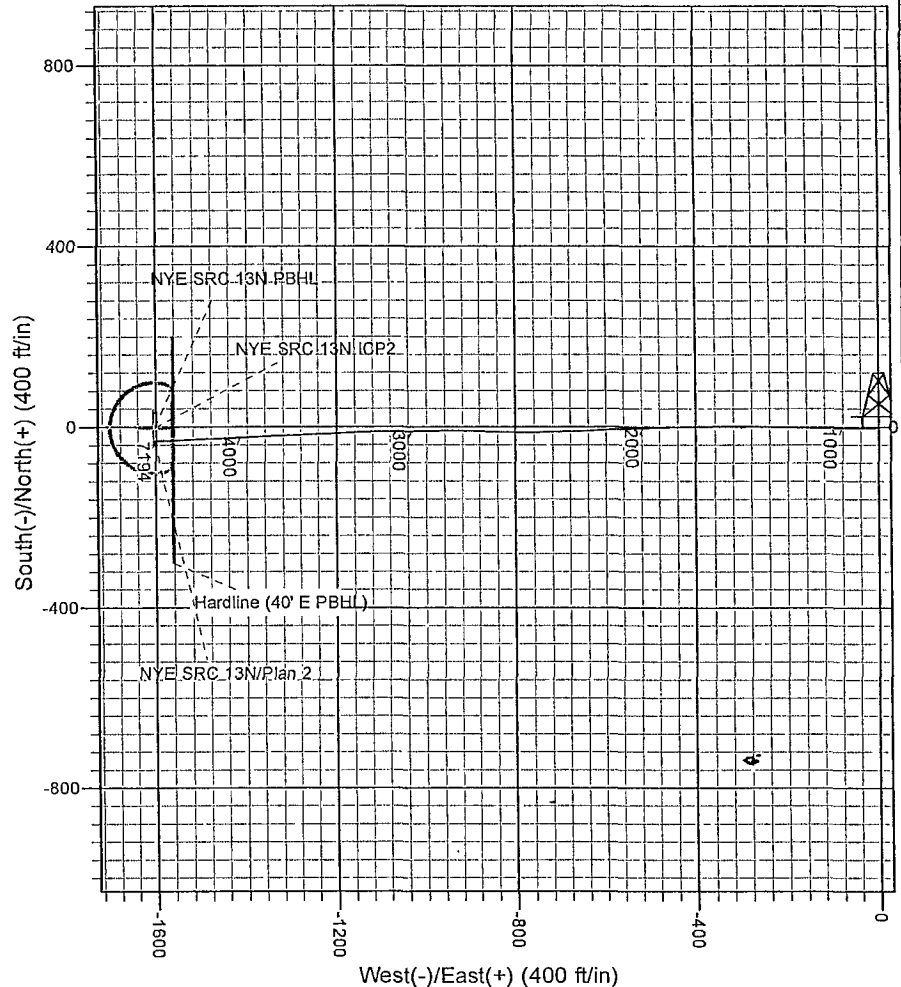
T M
 Azimuths to True North
 Magnetic North: 9 90°
 Magnetic Field
 Strength: 50670.2sn1
 Dip Angle: 63.49°
 Date: 2012/01/25
 Model: BGGM2011

WELL DETAILS: NYE SRC 13N
 GL 6051' & KB 15' @ 6066.0ft (AWS 920)
 Ground Level: 6051.0

Northing 2118513.30 Easting 469098.16 Latitude 36° 49' 19.480 N Longitude 107° 56' 20.078 W



Vertical Section at 268.88° (800 ft/in)



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
3464.0	20.46	267.52	3218.9	-10.7	-1124.0	0.00	0.00	1124.0	Target
4489.0	20.46	267.52	4179.2	-26.2	-1481.9	0.00	0.00	1482.2	
5171.0	0.00	267.52	4846.8	-31.5	-1602.3	3.00	180.00	1602.6	
5171.0	0.00	267.52	4846.8	-31.5	-1602.3	0.00	267.52	1602.6	NYE SRC 13N ICP2
7518.2	0.00	267.52	7194.0	-31.5	-1602.3	0.00	267.52	1602.6	NYE SRC 13N PBHL

Date: 10:02, January 30 2012

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well NYE SRC 13N, True North
 Vertical (TVD) Reference: GL 6051' & KB 15' @ 6066.0ft (AWS 920)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 6051' & KB 15' @ 6066.0ft (AWS 920)
 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 12 T30N R11W

NYE SRC 13N

OH

Plan: Plan 2

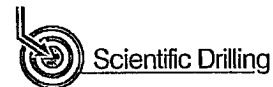
Standard Planning Report

30 January, 2012





Scientific Drilling
Planning Report



Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well NYE SRC 13N
Company:	ConocoPhillips	TVD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Project:	SJB (NM West)	MD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Site:	SEC 12 T30N R11W	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

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 12 T30N R11W		
Site Position:	From:	Lat/Long	
	Northing:	2,118,513.30 ft	Latitude: 36° 49' 19.480 N
	Easting:	469,098.16 ft	Longitude: 107° 56' 20.078 W
Position Uncertainty:	0.0 ft	Slot Radius: "	Grid Convergence: -0.06 °

Well:	NYE SRC 13N, 1150' FSL 1722' FEL		
Well Position	+N/-S	0.0 ft	Northing: 2,118,513.30 ft
	+E/-W	0.0 ft	Easting: 469,098.16 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
			Ground Level: 6,051.0 ft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	BGGM2011	2012/01/25	9.90
			Dip Angle
			63.49
			Field Strength
			50,670 nT

Design	Plan 2		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 3,464.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			268.88

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
3,464.0	20.46	267.52	3,218.9	-10.7	-1,124.0	0.00	0.00	0.00	0.00	
4,489.0	20.46	267.52	4,179.2	-26.2	-1,481.9	0.00	0.00	0.00	0.00	
5,171.0	0.00	267.52	4,846.8	-31.5	-1,602.3	3.00	-3.00	0.00	180.00	
5,171.0	0.00	267.52	4,846.8	-31.5	-1,602.3	0.00	0.00	0.00	267.52	NYE SRC 13N ICP2
7,518.2	0.00	267.52	7,194.0	-31.5	-1,602.3	0.00	0.00	0.00	267.52	NYE SRC 13N PBHL

Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well NYE SRC 13N
Company:	ConocoPhillips	TVD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Project:	SJB (NM West)	MD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Site:	SEC 12 T30N R11W	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

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)
3,464.0	20.46	267.52	3,218.9	-10.7	-1,124.0	1,124.0	0.00	0.00	0.00
3,500.0	20.46	267.52	3,252.6	-11.3	-1,136.5	1,136.6	0.00	0.00	0.00
3,584.8	20.46	267.52	3,332.0	-12.6	-1,166.2	1,166.2	0.00	0.00	0.00
Huerfano Bentonite									
3,600.0	20.46	267.52	3,346.3	-12.8	-1,171.5	1,171.5	0.00	0.00	0.00
3,700.0	20.46	267.52	3,440.0	-14.3	-1,206.4	1,206.4	0.00	0.00	0.00
3,800.0	20.46	267.52	3,533.7	-15.8	-1,241.3	1,241.4	0.00	0.00	0.00
3,900.0	20.46	267.52	3,627.3	-17.3	-1,276.2	1,276.3	0.00	0.00	0.00
3,908.2	20.46	267.52	3,635.0	-17.5	-1,279.1	1,279.2	0.00	0.00	0.00
Chacra									
4,000.0	20.46	267.52	3,721.0	-18.8	-1,311.2	1,311.3	0.00	0.00	0.00
4,100.0	20.46	267.52	3,814.7	-20.4	-1,346.1	1,346.2	0.00	0.00	0.00
4,200.0	20.46	267.52	3,908.4	-21.9	-1,381.0	1,381.2	0.00	0.00	0.00
4,300.0	20.46	267.52	4,002.1	-23.4	-1,415.9	1,416.1	0.00	0.00	0.00
4,400.0	20.46	267.52	4,095.8	-24.9	-1,450.9	1,451.1	0.00	0.00	0.00
4,420.5	20.46	267.52	4,115.0	-25.2	-1,458.0	1,458.2	0.00	0.00	0.00
Upper Cliff House									
4,489.0	20.46	267.52	4,179.2	-26.2	-1,481.9	1,482.2	0.00	0.00	0.00
4,500.0	20.13	267.52	4,189.5	-26.4	-1,485.7	1,486.0	3.00	-3.00	0.00
4,519.7	19.54	267.52	4,208.0	-26.7	-1,492.4	1,492.6	3.00	-3.00	0.00
Massive Cliff House									
4,600.0	17.13	267.52	4,284.3	-27.8	-1,517.7	1,517.9	3.00	-3.00	0.00
4,700.0	14.13	267.52	4,380.6	-29.0	-1,544.6	1,544.8	3.00	-3.00	0.00
4,705.6	13.96	267.52	4,386.0	-29.0	-1,545.9	1,546.2	3.00	-3.00	0.00
Menefee									
4,800.0	11.13	267.52	4,478.1	-29.9	-1,566.4	1,566.7	3.00	-3.00	0.00
4,900.0	8.13	267.52	4,576.7	-30.6	-1,583.1	1,583.4	3.00	-3.00	0.00
5,000.0	5.13	267.52	4,676.0	-31.1	-1,594.7	1,595.0	3.00	-3.00	0.00
5,100.0	2.13	267.52	4,775.8	-31.4	-1,601.0	1,601.3	3.00	-3.00	0.00
5,171.0	0.00	267.52	4,846.8	-31.5	-1,602.3	1,602.6	3.00	-3.00	0.00
Intermediate Casing									
5,179.2	0.00	267.52	4,855.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Point Lookout									
5,200.0	0.00	267.52	4,875.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,300.0	0.00	267.52	4,975.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,400.0	0.00	267.52	5,075.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,500.0	0.00	267.52	5,175.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,551.2	0.00	267.52	5,227.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Mancos									
5,600.0	0.00	267.52	5,275.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,700.0	0.00	267.52	5,375.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,800.0	0.00	267.52	5,475.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
5,900.0	0.00	267.52	5,575.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,000.0	0.00	267.52	5,675.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,100.0	0.00	267.52	5,775.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,200.0	0.00	267.52	5,875.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,300.0	0.00	267.52	5,975.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,400.0	0.00	267.52	6,075.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,442.2	0.00	267.52	6,118.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Upper Gallup									
6,500.0	0.00	267.52	6,175.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,600.0	0.00	267.52	6,275.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,700.0	0.00	267.52	6,375.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00

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Company:	ConocoPhillips	TVD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Project:	SJB (NM West)	MD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Site:	SEC 12 T30N R11W	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

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)
6,800.0	0.00	267.52	6,475.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
6,900.0	0.00	267.52	6,575.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,000.0	0.00	267.52	6,675.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,100.0	0.00	267.52	6,775.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,186.2	0.00	267.52	6,862.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Greenhorn									
7,200.0	0.00	267.52	6,875.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,241.2	0.00	267.52	6,917.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Graneros									
7,294.2	0.00	267.52	6,970.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Two Wells									
7,300.0	0.00	267.52	6,975.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,377.2	0.00	267.52	7,053.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Paguate									
7,400.0	0.00	267.52	7,075.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,422.2	0.00	267.52	7,098.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Lower Cubero - Upper Cubero									
7,478.2	0.00	267.52	7,154.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Encinal									
7,500.0	0.00	267.52	7,175.8	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
7,518.2	0.00	267.52	7,194.0	-31.5	-1,602.3	1,602.6	0.00	0.00	0.00
Production Casing									

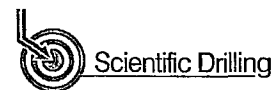
Design Targets									
Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude Longitude
NYE SRC 13N ICP	-	0.00	0.00	4,536.0	-1.8	-1,602.9	2,118,513.30	467,495.41	36° 49' 19.462 N 107° 56' 39.791 W
- plan misses target center by 38.4ft at 4863.0ft MD (4540.1 TVD, -30.4 N, -1577.5 E)									
- Circle (radius 100.0)									
NYE SRC 13N ICP2	-	0.00	0.00	4,846.8	-1.8	-1,602.9	2,118,513.30	467,495.41	36° 49' 19.462 N 107° 56' 39.791 W
- plan misses target center by 29.7ft at 5171.0ft MD (4846.8 TVD, -31.5 N, -1602.3 E)									
- Circle (radius 100.0)									
NYE SRC 13N PBHL	-	0.00	0.00	7,194.0	-1.8	-1,602.9	2,118,513.30	467,495.41	36° 49' 19.462 N 107° 56' 39.791 W
- plan misses target center by 29.7ft at 7518.2ft MD (7194.0 TVD, -31.5 N, -1602.3 E)									
- Circle (radius 100.0)									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,518.2	7,194.0	Production Casing	4-1/2	6-1/4	
5,171.0	4,846.8	Intermediate Casing	7	8-3/4	



Scientific Drilling

Planning Report



Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well NYE SRC 13N
Company:	ConocoPhillips	TVD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Project:	SJB (NM West)	MD Reference:	GL 6051' & KB 15' @ 6066.0ft (AWS 920)
Site:	SEC 12 T30N R11W	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,192.3	1,180.0	Ojo Alamo		0.00		
1,319.0	1,300.0	Kirtland		0.00		
2,077.8	1,979.0	Fruitland		0.00		
2,763.5	2,587.0	Pictured Cliffs		0.00		
2,947.8	2,749.0	Lewis		0.00		
3,584.8	3,332.0	Huerfanito Bentonite		0.00		
3,908.2	3,635.0	Chacra		0.00		
4,420.5	4,115.0	Upper Cliff House		0.00		
4,519.7	4,208.0	Massive Cliff House		0.00		
4,705.6	4,386.0	Menefee		0.00		
5,179.2	4,855.0	Point Lookout		0.00		
5,551.2	5,227.0	Mancos		0.00		
6,442.2	6,118.0	Upper Gallup		0.00		
7,186.2	6,862.0	Greenhorn		0.00		
7,241.2	6,917.0	Graneros		0.00		
7,294.2	6,970.0	Two Wells		0.00		
7,377.2	7,053.0	Paguate		0.00		
7,422.2	7,098.0	Upper Cubero		0.00		
7,422.2	7,098.0	Lower Cubero		0.00		
7,478.2	7,154.0	Encinal		0.00		