

RECEIVED

JAN 04 2012

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Farmington Field Office
Bureau of Land Management

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

ConocoPhillips

3. Address & Phone No. of Operator

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

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

Surface: Unit M (SW/SW), 507' FSL & 150' FWL, Section 22, T27N, R7W, NMPM
Bottom: Unit D (NW/NW), 687' FNL & 705' FWL, Section 22, T27N, R7W, NMPM

5. Lease Number
SF-080385-078640

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
RINCON UNIT COM 203N

9. API Well No.

30-039-30632

10. Field and Pool
BLANCO MV / BASIN DK

11. County and State
Rio Arriba, NM

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

RCVD JAN 11 '12

OIL CONS. DIV.

13. Describe Proposed or Completed Operations

DIST. 3

ConocoPhillips Company requests permission to shorten the Intermediate casing set depth from the approved APD surface location move dated 06/25/09 from 4850'(TVD) to 4003'(TVD) due to changing from air drill to mud drill. Please note: the proposed bottomhole will be 687' FNL & 705' FWL. Casing and cement volumes have been adjusted. Attached is the revised Project Proposal, and the Directional Drill Plan.

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

Signed

Marie E. Jaramillo

Title Staff Regulatory Tech.

Date 12/28/11

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvers

Title Petroleum Engineer

Date 1/9/2012

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

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

NMOCD

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

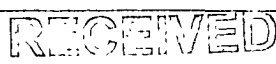
PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

RINCON UNIT COM 203N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8109		AFE \$: 1,772,511.00	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				


 JAN 09 2012
 Bureau of Land Management
 Farmington Field Office

Location: Surface		Datum Code: NAD 27		Directional	
Latitude: 36.552988	Longitude: -107.570448	X:	Y:	Section: 22	Range: 007W
Footage X: 150 FWL	Footage Y: 507 FSL	Elevation: 6574	(FT)	Township: 027N	
Tolerance:					
Location: Bottom Hole		Datum Code: NAD 27		Directional	
Latitude: 36.549711	Longitude: -107.568563	X:	Y:	Section: 27	Range: 007W
Footage X: 710 FWL	Footage Y: 710 FNL	Elevation:	(FT)	Township: 027N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2012		Completion Date:	
Formation Data: Assume KB = 6592		Units = FT		Date In Operation:	

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6392		☐			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJO ALAMO	2153	4439		☐			
KIRTLAND	2310	4282		☐			
FRUITLAND	2576	4016		☐			Possible Gas
PICTURED CLIFFS	2992	3600		☐			
LEWIS	3098	3494		☐			
HUERFANITO BENTONITE	3348	3244		☐			
CHACRA	3856	2736		☐			
Intermediate Casing	4000	2592		☐			8 3/4" Hole. 7", 23.0 ppf, J-55, LTC Casing. Cement with 959 cuft. Circulate cement to surface.
UPPER CLIFF HOUSE	4595	1997		☐			Gas; Est. Top Perf - 4596 (1995)
MASSIVE CLIFF HOUSE	4660	1932		☐	60		Gas
MENEFEE	4703	1889		☐			
POINT LOOKOUT	5232	1360		☐			
MANCOS	5584	1008		☐			
UPPER GALLUP	6374	218		☐			
GREENHORN	7156	-564		☐			
GRANEROS	7204	-612		☐			
TWO WELLS	7264	-672		☐	2784		Gas
PAGUATE	7333	-741		☐			
UPPER CUBERO	7376	-784		☐			
LOWER CUBERO	7404	-812		☐			Est. Btm Perf - 7455 (-864) based on offset wells

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

RINCON UNIT COM 203N

DEVELOPMENT

ENCINAL	7476	-884	☐	TD - Top of Encinal
Total Depth	7476	-884	☐	6-1/4" hole, 4-1/2", 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 462 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Production	Rincon 202	27N-7W27 SW NE NE
Production	SJ 28-7 155F	27N-7W22 NW NW SW
Production	SJ 28-7 155	27N-7W22 SW NE SW

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 Gallup to TD - mudlogger will call TD

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MV/DKNM027N007W27NW2 Entire 1/4 section in ACEC, prefer E, C, F, D, twin either existing wells (#115 or #212), or have DD options.

Zones - MV/DKNM027N007W27NW2

General/Work Description - 12/2/11 - Low Burro Canyon potential. Will not test Burro Canyon. - DKH

8/1/11 - Drilling costs updated per new casing costs, rig move charges, and rig day rates. CC.

3/11/11- No H2S Plan needed. BVT

1/13/11 - Converted from Mud to Air drill, adjusted intermediate csg due to wet cliffhouse. RGS

11-22-10 Economics okay after LRP update, moved to active rig JGV

3/2/09-Poor/marginal economics in Feb. of 2009; review economics before placing behind active rig wfp

1/22/09-is economic as DD per MMegorden wfp

No Chacra 4/23/08 EML(wfp)

In doing Plat Review Land it was noted that the operator name needed comma removed, DSW emailed DB & SB for correction -

6/10/08 - DSW; corrected, P.R. complete

7/31/08 Well is in low Mesaverde BHP area designated for air drilling, older offset wells were mud drilled; if mud drilled deeper TD will need to be calculated. RGS



ConocoPhillips

SJB (NM Central)

SEC 22-T27N-R7W

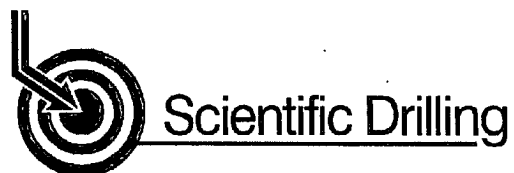
Rincon Unit Com #203N

OH

Plan: Plan 2

Standard Planning Report

29 December, 2011



Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well Rincon Unit Com #203N
Company:	ConocoPhillips	TVD Reference:	GL 6574' & KB 15' @ 6589 0ft (AWS 673)
Project:	SJB (NM Central)	MD Reference:	GL 6574' & KB 15' @ 6589 0ft (AWS 673)
Site:	SEC 22-T27N-R7W	North Reference:	True
Well:	Rincon Unit Com #203N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

Project:	SJB (NM Central); 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 Central 3002		Using geodetic scale factor

Site		SEC 22-T27N-R7W			
Site Position:		Northing:	2,023,165.96 ft	Latitude:	36° 33' 10 768 N
From:	Lat/Long	Easting:	112,158 74 ft	Longitude:	107° 34' 13 630 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0 79 °

Well	Rincon, Unit Com #203N; 507' FSL 150' FWL					
Well Position	+N/-S	0 0 ft	Northing:	2,023,165.96 ft	Latitude:	36° 33' 10 768 N
	+E/-W	0.0 ft	Easting:	112,158 74 ft	Longitude:	107° 34' 13.630 W
Position Uncertainty		0 0 ft	Wellhead Elevation:	ft	Ground Level:	6,574.0 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	2011/12/29	9.72	63 32	50,571

Design	Plan 2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S (ft)	+E-W (ft)	Direction (°)
	0 0	0 0	0 0	155.07

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	
320.0	0 00	0 00	320.0	0 0	0.0	0.00	0.00	0.00	0 00	
1,150.2	24 91	155 07	1,124.3	-161.1	74.9	3.00	3.00	0.00	155.07	
3,434.0	24 91	155 07	3,195.7	-1,033.2	480.3	0.00	0.00	0.00	0 00	
4,264.2	0 00	0 00	4,000.0	-1,194.2	555.2	3.00	-3.00	0.00	180.00	RUC #203N ICP
7,777.2	0.00	0.00	7,513.0	-1,194.2	555.2	0.00	0.00	0.00	0 00	RUC #203N PBHL2

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Project:	SJB (NM Central)	MD Reference:	GL 6574' & KB 15' @ 6589 0ft (AWS 673)
Site:	SEC 22-T27N-R7W	North Reference:	True
Well:	Rincon Unit Com #203N	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)
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
230.0	0.00	0.00	230.0	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
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.40	155.07	400.0	-1.5	0.7	1.7	3.00	3.00	0.00
500.0	5.40	155.07	499.7	-7.7	3.6	8.5	3.00	3.00	0.00
600.0	8.40	155.07	599.0	-18.6	8.6	20.5	3.00	3.00	0.00
700.0	11.40	155.07	697.5	-34.2	15.9	37.7	3.00	3.00	0.00
800.0	14.40	155.07	795.0	-54.4	25.3	60.0	3.00	3.00	0.00
900.0	17.40	155.07	891.1	-79.2	36.8	87.4	3.00	3.00	0.00
1,000.0	20.40	155.07	985.7	-108.6	50.5	119.8	3.00	3.00	0.00
1,100.0	23.40	155.07	1,078.5	-142.4	66.2	157.1	3.00	3.00	0.00
1,150.2	24.91	155.07	1,124.3	-161.1	74.9	177.6	3.00	3.00	0.00
1,200.0	24.91	155.07	1,169.5	-180.1	83.7	198.6	0.00	0.00	0.00
1,300.0	24.91	155.07	1,260.2	-218.3	101.5	240.7	0.00	0.00	0.00
1,400.0	24.91	155.07	1,350.9	-256.5	119.2	282.8	0.00	0.00	0.00
1,500.0	24.91	155.07	1,441.6	-294.6	137.0	324.9	0.00	0.00	0.00
1,600.0	24.91	155.07	1,532.3	-332.8	154.7	367.0	0.00	0.00	0.00
1,700.0	24.91	155.07	1,623.0	-371.0	172.5	409.1	0.00	0.00	0.00
1,800.0	24.91	155.07	1,713.7	-409.2	190.2	451.3	0.00	0.00	0.00
1,900.0	24.91	155.07	1,804.4	-447.4	208.0	493.4	0.00	0.00	0.00
2,000.0	24.91	155.07	1,895.1	-485.6	225.7	535.5	0.00	0.00	0.00
2,100.0	24.91	155.07	1,985.8	-523.8	243.5	577.6	0.00	0.00	0.00
2,200.0	24.91	155.07	2,076.5	-561.9	261.2	619.7	0.00	0.00	0.00
2,281.1	24.91	155.07	2,150.0	-592.9	275.6	653.8	0.00	0.00	0.00
Ojo									
2,300.0	24.91	155.07	2,167.2	-600.1	279.0	661.8	0.00	0.00	0.00
2,400.0	24.91	155.07	2,257.9	-638.3	296.8	703.9	0.00	0.00	0.00
2,454.2	24.91	155.07	2,307.0	-659.0	306.4	726.7	0.00	0.00	0.00
Kirtland									
2,500.0	24.91	155.07	2,348.6	-676.5	314.5	746.0	0.00	0.00	0.00
2,600.0	24.91	155.07	2,439.3	-714.7	332.3	788.2	0.00	0.00	0.00
2,700.0	24.91	155.07	2,530.0	-752.9	350.0	830.3	0.00	0.00	0.00
2,747.4	24.91	155.07	2,573.0	-771.0	358.4	850.2	0.00	0.00	0.00
Fruitland									
2,800.0	24.91	155.07	2,620.7	-791.1	367.8	872.4	0.00	0.00	0.00
2,900.0	24.91	155.07	2,711.4	-829.3	385.5	914.5	0.00	0.00	0.00
3,000.0	24.91	155.07	2,802.1	-867.4	403.3	956.6	0.00	0.00	0.00
3,100.0	24.91	155.07	2,892.8	-905.6	421.0	998.7	0.00	0.00	0.00
3,200.0	24.91	155.07	2,983.5	-943.8	438.8	1,040.8	0.00	0.00	0.00
3,206.1	24.91	155.07	2,989.0	-946.1	439.9	1,043.4	0.00	0.00	0.00
Pictured Cliffs									
3,300.0	24.91	155.07	3,074.2	-982.0	456.5	1,082.9	0.00	0.00	0.00
3,323.0	24.91	155.07	3,095.0	-990.8	460.6	1,092.6	0.00	0.00	0.00
Lewis									
3,400.0	24.91	155.07	3,164.9	-1,020.2	474.3	1,125.0	0.00	0.00	0.00
3,434.0	24.91	155.07	3,195.7	-1,033.2	480.3	1,139.4	0.00	0.00	0.00
3,500.0	22.93	155.07	3,256.1	-1,057.4	491.6	1,166.1	3.00	-3.00	0.00
3,595.6	20.06	155.07	3,345.0	-1,089.2	506.4	1,201.1	3.00	-3.00	0.00
Huerfano Bentonite									
3,600.0	19.93	155.07	3,349.1	-1,090.6	507.0	1,202.6	3.00	-3.00	0.00

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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)
3,700.0	16.93	155.07	3,444.0	-1,119.2	520.3	1,234.2	3.00	-3.00	0.00
3,800.0	13.93	155.07	3,540.4	-1,143.3	531.5	1,260.8	3.00	-3.00	0.00
3,900.0	10.93	155.07	3,638.0	-1,162.8	540.6	1,282.4	3.00	-3.00	0.00
4,000.0	7.93	155.07	3,736.7	-1,177.7	547.5	1,298.7	3.00	-3.00	0.00
4,100.0	4.93	155.07	3,836.0	-1,187.8	552.2	1,309.9	3.00	-3.00	0.00
4,117.0	4.41	155.07	3,853.0	-1,189.1	552.8	1,311.3	3.00	-3.00	0.00
Chacra									
4,200.0	1.93	155.07	3,935.8	-1,193.2	554.7	1,315.9	3.00	-3.00	0.00
4,264.2	0.00	0.00	4,000.0	-1,194.2	555.2	1,317.0	3.00	-3.00	-241.63
Intermediate Casing									
4,300.0	0.00	0.00	4,035.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,135.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,235.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,335.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,435.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,535.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,856.2	0.00	0.00	4,592.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
Upper Cliffhouse									
4,900.0	0.00	0.00	4,635.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
4,921.2	0.00	0.00	4,657.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
Mass. Cliffhouse									
4,964.2	0.00	0.00	4,700.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
Menefee									
5,000.0	0.00	0.00	4,735.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,100.0	0.00	0.00	4,835.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,200.0	0.00	0.00	4,935.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,035.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,135.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,493.2	0.00	0.00	5,229.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
Point Lookout									
5,500.0	0.00	0.00	5,235.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,335.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,435.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,535.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
5,845.2	0.00	0.00	5,581.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
Mancos									
5,900.0	0.00	0.00	5,635.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,735.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,100.0	0.00	0.00	5,835.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,200.0	0.00	0.00	5,935.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,035.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,135.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,235.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,335.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,635.2	0.00	0.00	6,371.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
Upper Gallup									
6,700.0	0.00	0.00	6,435.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,535.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,635.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
7,000.0	0.00	0.00	6,735.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
7,100.0	0.00	0.00	6,835.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
7,200.0	0.00	0.00	6,935.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,035.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,135.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00

Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well Rincon Unit Com #203N
Company:	ConocoPhillips	TVD Reference:	GL 6574' & KB 15' @ 6589 0ft (AWS 673)
Project:	SJB (NM Central)	MD Reference:	GL 6574' & KB 15' @ 6589 0ft (AWS 673)
Site:	SEC 22-T27N-R7W	North Reference:	True
Well:	Rincon Unit Com #203N	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)	
7,417.2	0.00	0.00	7,153.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
Greenhorn										
7,465.2	0.00	0.00	7,201.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
Graneros										
7,500.0	0.00	0.00	7,235.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
7,525.2	0.00	0.00	7,261.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
Two Wells										
7,594.2	0.00	0.00	7,330.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
IPaguate										
7,600.0	0.00	0.00	7,335.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
7,637.2	0.00	0.00	7,373.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
Upper Cubero										
7,665.2	0.00	0.00	7,401.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
Lower Cubero										
7,700.0	0.00	0.00	7,435.8	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
7,737.2	0.00	0.00	7,473.0	-1,194.2	555.2	1,317.0	0.00	0.00	0.00	
Encinal										
7,777.2	0.00	0.00	7,513.0	-1,194.2	555.2	1,317.0	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									
RUC #203N ICP	0.00	0.00	4,000.0	-1,194.2	555.2	2,021,964.14	112,697.53	36° 32' 58.959 N	107° 34' 6.826 W
- plan hits target center									
- Circle (radius 100.0)									
RUC #203N PBHL	0.00	0.00	7,473.0	-1,194.2	555.2	2,021,964.14	112,697.53	36° 32' 58.959 N	107° 34' 6.826 W
- plan hits target center									
- Circle (radius 100.0)									
RUC #203N PBHL2	0.00	0.00	7,513.0	-1,194.2	555.2	2,021,964.14	112,697.53	36° 32' 58.959 N	107° 34' 6.826 W
- plan hits target center									
- Circle (radius 100.0)									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
230.0	230.0	Surface Casing	9-5/8	12-1/4	
7,777.2	7,513.0	Production Casing	4-1/2	6-1/4	
4,264.2	4,000.0	Intermediate Casing	7	8-3/4	

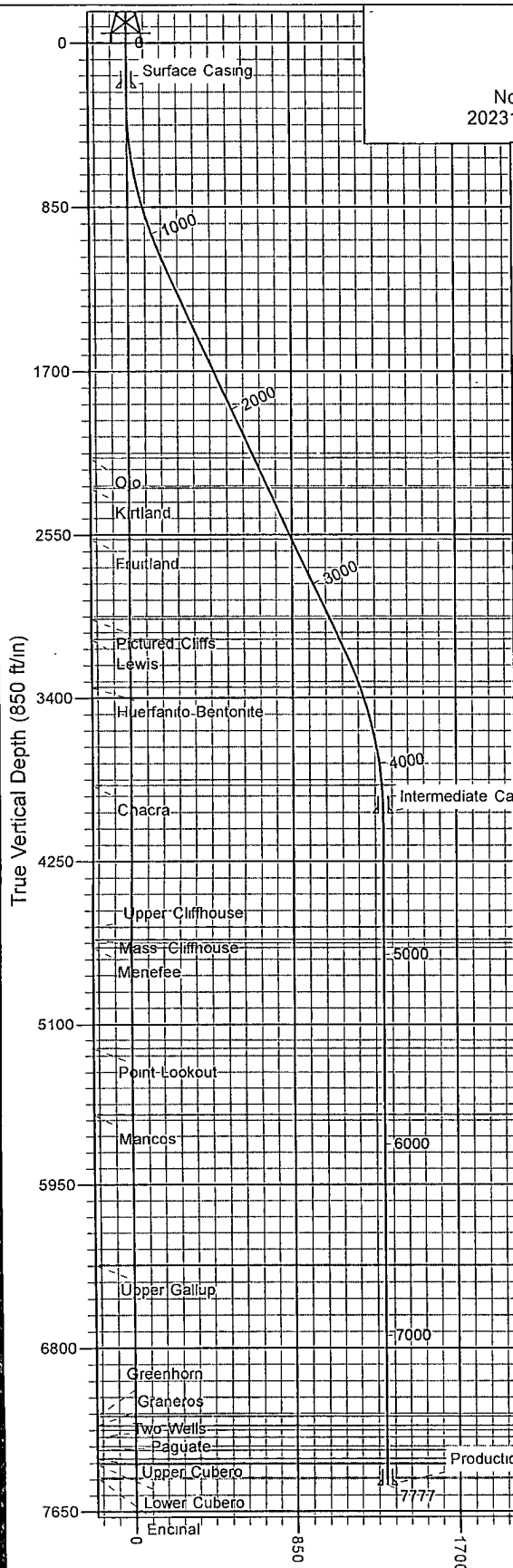
Database:	EDM 2003 21 Single User Db	Local Co-ordinate Reference:	Well Rincon Unit Com #203N
Company:	ConocoPhillips	TVD Reference:	GL 6574' & KB 15' @ 6589.0ft (AWS 673)
Project:	SJB (NM Central)	MD Reference:	GL 6574' & KB 15' @ 6589.0ft (AWS 673)
Site:	SEC 22-T27N-R7W	North Reference:	True
Well:	Rincon Unit Com #203N	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

Formations

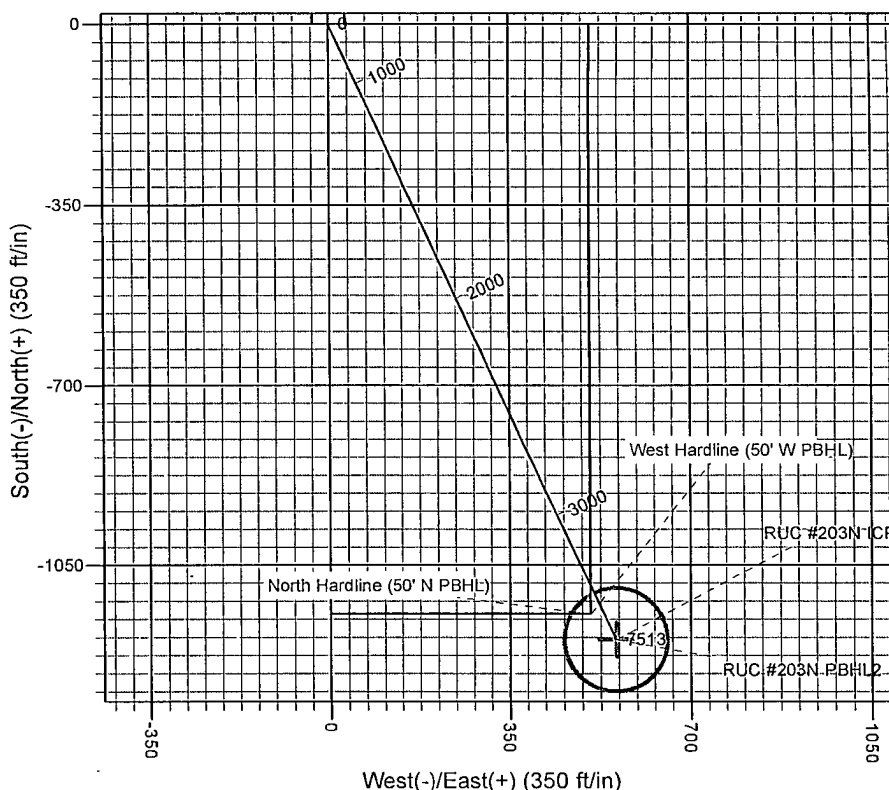
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,281.1	2,150.0	Ojo		0.00	
2,454.2	2,307.0	Kirtland		0.00	
2,747.4	2,573.0	Fruitland		0.00	
3,206.1	2,989.0	Pictured Cliffs		0.00	
3,323.0	3,095.0	Lewis		0.00	
3,595.6	3,345.0	Huerfano Bentonite		0.00	
4,117.0	3,853.0	Chacra		0.00	
4,856.2	4,592.0	Upper Cliffhouse		0.00	
4,921.2	4,657.0	Mass. Cliffhouse		0.00	
4,964.2	4,700.0	Menefee		0.00	
5,493.2	5,229.0	Point Lookout		0.00	
5,845.2	5,581.0	Mancos		0.00	
6,635.2	6,371.0	Upper Gallup		0.00	
7,417.2	7,153.0	Greenhorn		0.00	
7,465.2	7,201.0	Graneros		0.00	
7,525.2	7,261.0	Two Wells		0.00	
7,594.2	7,330.0	Paguate		0.00	
7,637.2	7,373.0	Upper Cubero		0.00	
7,665.2	7,401.0	Lower Cubero		0.00	
7,737.2	7,473.0	Encinal		0.00	

WELL DETAILS: Rincon Unit Com #203N
 GL 6574' & KB 15' @ 6589.0ft (AWS 673)
 Ground Level: 6574 0

Northing: 2023165.96 Easting: 112158.74 Latitude: 36° 33' 10.768 N Longitude: 107° 34' 13.630 W



Vertical Section at 155 07° (850 ft/in)



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
1150.2	24.91	155.07	1124.3	-161.1	74.9	3.00	155.07	177.6	
3434.0	24.91	155.07	3195.7	-1033.2	480.3	0.00	0.00	1139.4	
4264.2	0.00	0.00	4000.0	-1194.2	555.2	3.00	180.00	1317.0	RUC #203N ICP
7777.2	0.00	0.00	7513.0	-1194.2	555.2	0.00	0.00	1317.0	RUC #203N PBHL2

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
RUC #203N ICP	4000.0	-1194.2	555.2	Circle (Radius: 100.0)
RUC #203N PBHL2	7513.0	-1194.2	555.2	Circle (Radius: 100.0)

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Rincon Unit Com #203N, True North
 Vertical (TVD) Reference: GL 6574' & KB 15' @ 6589.0ft (AWS 673)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 6574' & KB 15' @ 6589.0ft (AWS 673)
 Calculation Method: Minimum Curvature

PROJECT DETAILS: SJB (NM Central)

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico Central 3002
 System Datum: Mean Sea Level