

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

DEC 09 2014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Burlington Resources Oil & Gas Company LP		8. Well Name and No. ROELOFS A 2B
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	9. API Well No. 30-045-35193
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface UNIT D (NWNW), 845' FNL & 1129' FWL, Sec. 14, T29N, R8W		10. Field and Pool or Exploratory Area Blanco MV
		11. Country or Parish, State San Juan New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other DIRECTIONAL
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	DRILL
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources Oil & Gas intends to change from a vertical drill plan to a directional drill plan due the adjacent well being a vertically drilled well. The new Project Proposal, Directional Plan, and Plat are attached.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations

OIL CONS. DIV DIST. 3

DEC 17 2014

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

ADHERE TO PREVIOUS NMOC

CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
DENISE JOURNEY	Title
	STAFF REGULATORY TECHNICIA
Signature <i>Denise Journey</i>	Date
	12/8/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>William Tambekou</i>	Petroleum Engineer	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <i>FFO</i>	12/15/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCDA

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DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
611 S. First St., Artesia, N.M. 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brasco Rd., Artec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35193	² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code 18182	⁵ Property Name ROELOFS A	⁶ Well Number 2B
⁷ OGED No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6347'

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
D	14	29N	8W		845'	NORTH	1129'	WEST	SAN JUAN

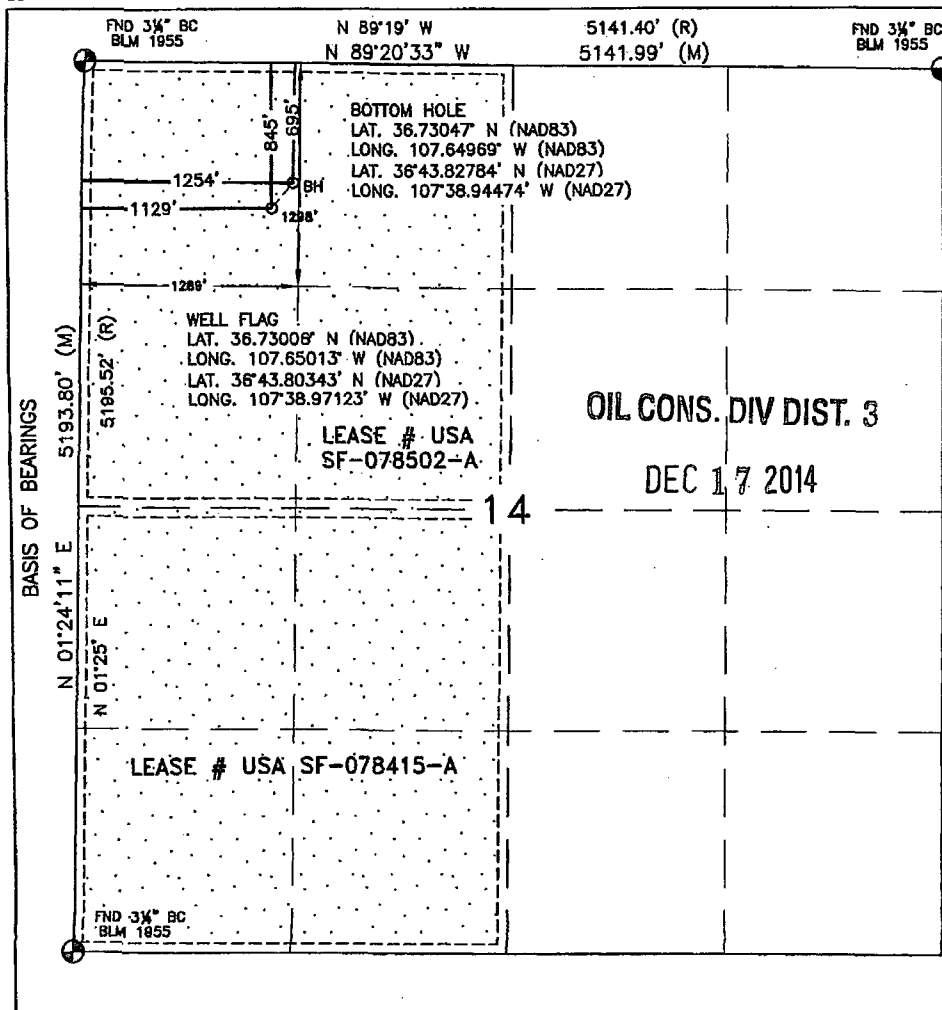
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	29N	8W		695'	NORTH	1254'	WEST	SAN JUAN

¹² Dedicated Acres 320.00 ACRES - W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

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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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Journey 12/8/14
Signature Date

Denise Journey
Printed Name

Denise.Journey@conocophillips.c

E-mail Address

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.

APRIL 27, 2010

Date of Survey

Signature and Seal of Professional Surveyor:

David Russell
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
10201
DAVID RUSSELL
Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ROELOFS A 2B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.4030				AFE \$: 1,445,941.50	
Field Name: SAN JUAN		Rig: Aztec Rig 777		State: NM	County: SAN JUAN		API #: 3004535193
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
OIL CONS. DIV DIST. 3 DEC 17 2014							
Location: Surface		Datum Code: NAD 27				Directional	
Latitude: 36.730054	Longitude: -107.649519	X:	Y:	Section: 14	Range: 008W		
Footage X: 1129 FWL	Footage Y: 845 FNL	Elevation: 6347	(FT)	Township: 029N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Directional	
Latitude: 36.730464	Longitude: -107.649079	X:	Y:	Section: 14	Range: 008W		
Footage X: 1254 FWL	Footage Y: 695 FNL	Elevation:	(FT)	Township: 029N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2015		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6362 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6162		☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	694	5668		☐			
OJO ALAMO	2020	4342		☐			
KIRTLAND	2186	4176		☐			
FRUITLAND	2630	3732		☐			Possible Gas
PICTURED CLIFFS	3052	3310		☐		109	
LEWIS	3170	3192		☐			
Intermediate Casing	3320	3042		☐		113	8 3/4" Hole. 7", 20/23 ppf, J-55, LTC/STC Casing. Cement with 751 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3819	2543		☐			
CHACRA	4021	2341		☐			
UPPER CLIFF HOUSE	4563	1799		☐			Gas; Est top perf 4565'
MASSIVE CLIFF HOUSE	4677	1685		☐	317		Gas; Cliffhouse is dry
MENEFEE	4839	1523		☐			
POINT LOOKOUT	5229	1133		☐			
MANCOS	5648	714		☒			Est TD 450' below the top of Point Lookout w/ the est bottom perf at 350' below the T/Point Lookout 06/09/2014
Total Depth	5679	683		☐		160	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC/BTC casing. Cement w/ 314 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:							
Reference Type	Well Name		Comments				
Production	Lively 4		29N 8W 14 SE NW NW				
Production	Roelofs 2E		29N 8W 15 SE NW NE				

ConocoPhillips SJB

San Juan Basin - New Mexico West Wells

Other Named Wells

Roelofs A 2B

Principal Wellbore

Plan: Plan #1

Standard Planning Report

08 December, 2014

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Roelofs A 2B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6362.0usft (AWS RIG)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6362.0usft (AWS RIG)
Site:	Other Named Wells	North Reference:	True
Well:	Roelofs A 2B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Project	San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	Other Named Wells				
Site Position:		Northing:	2,108,178.26 usft	Latitude:	36° 47' 33.793 N
From:	Lat/Long	Easting:	643,887.63 usft	Longitude:	107° 20' 30.932 W
Position Uncertainty:	15.0 usft	Slot Radius:	6-1/8"	Grid Convergence:	0.29 °

Well	Roelofs A 2B, Directional "S" Curve Long, Lewis not included					
Well Position	+N/-S	0.0 usft	Northing:	2,085,048.16 usft	Latitude:	36° 43' 48.206 N
	+E/-W	0.0 usft	Easting:	553,865.30 usft	Longitude:	107° 38' 58.274 W
Position Uncertainty		3.5 usft	Wellhead Elevation:	usft	Ground Level:	6,347.0 usft

Wellbore	Principal Wellbore				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2010	7/13/2010	9.95	63.53	50,840

Design	Plan #1				
Audit Notes:					
Version:	1	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:		Depth From (TVD)	+N/-S	+E/-W	Direction
		(usft)	(usft)	(usft)	(°)
		0.0	0.0	0.0	41.15

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	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	
820.0	10.00	41.15	817.5	32.8	28.6	2.00	2.00	0.00	41.15	
1,534.8	10.00	41.15	1,521.4	126.2	110.3	0.00	0.00	0.00	0.00	
1,868.2	0.00	0.00	1,853.1	148.1	129.4	3.00	-3.00	0.00	180.00	
3,335.1	0.00	0.00	3,320.0	148.1	129.4	0.00	0.00	0.00	0.00	Roelofs A 2B ICP
5,694.1	0.00	0.00	5,679.0	148.1	129.4	0.00	0.00	0.00	0.00	Roelofs A 2B PCP

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Roelofs A 2B
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6362.0usft (AWS RIG)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6362.0usft (AWS RIG)
Site:	Other Named Wells	North Reference:	True
Well:	Roelofs A 2B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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
9 5/8" Surface CSG									
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	1.60	41.15	400.0	0.8	0.7	1.1	2.00	2.00	0.00
500.0	3.60	41.15	499.9	4.3	3.7	5.7	2.00	2.00	0.00
600.0	5.60	41.15	599.6	10.3	9.0	13.7	2.00	2.00	0.00
695.1	7.50	41.15	694.0	18.5	16.1	24.5	2.00	2.00	0.00
Nacimiento									
700.0	7.60	41.15	698.9	19.0	16.6	25.2	2.00	2.00	0.00
800.0	9.60	41.15	797.8	30.2	26.4	40.1	2.00	2.00	0.00
820.0	10.00	41.15	817.5	32.8	28.6	43.5	2.00	2.00	0.00
900.0	10.00	41.15	896.3	43.2	37.8	57.4	0.00	0.00	0.00
1,000.0	10.00	41.15	994.7	56.3	49.2	74.8	0.00	0.00	0.00
1,100.0	10.00	41.15	1,093.2	69.4	60.6	92.1	0.00	0.00	0.00
1,200.0	10.00	41.15	1,191.7	82.5	72.1	109.5	0.00	0.00	0.00
1,300.0	10.00	41.15	1,290.2	95.5	83.5	126.9	0.00	0.00	0.00
1,400.0	10.00	41.15	1,388.7	108.6	94.9	144.2	0.00	0.00	0.00
1,500.0	10.00	41.15	1,487.1	121.7	106.3	161.6	0.00	0.00	0.00
1,534.8	10.00	41.15	1,521.4	126.2	110.3	167.7	0.00	0.00	0.00
1,600.0	8.05	41.15	1,585.8	133.9	117.0	177.9	3.00	-3.00	0.00
1,700.0	5.05	41.15	1,685.1	142.5	124.5	189.3	3.00	-3.00	0.00
1,800.0	2.05	41.15	1,784.9	147.2	128.6	195.5	3.00	-3.00	0.00
1,868.2	0.00	0.00	1,853.1	148.1	129.4	196.7	3.00	-3.00	0.00
1,900.0	0.00	0.00	1,884.9	148.1	129.4	196.7	0.00	0.00	0.00
2,000.0	0.00	0.00	1,984.9	148.1	129.4	196.7	0.00	0.00	0.00
2,035.1	0.00	0.00	2,020.0	148.1	129.4	196.7	0.00	0.00	0.00
Ojo									
2,100.0	0.00	0.00	2,084.9	148.1	129.4	196.7	0.00	0.00	0.00
2,200.0	0.00	0.00	2,184.9	148.1	129.4	196.7	0.00	0.00	0.00
2,201.1	0.00	0.00	2,186.0	148.1	129.4	196.7	0.00	0.00	0.00
Kirtland									
2,300.0	0.00	0.00	2,284.9	148.1	129.4	196.7	0.00	0.00	0.00
2,400.0	0.00	0.00	2,384.9	148.1	129.4	196.7	0.00	0.00	0.00
2,500.0	0.00	0.00	2,484.9	148.1	129.4	196.7	0.00	0.00	0.00
2,600.0	0.00	0.00	2,584.9	148.1	129.4	196.7	0.00	0.00	0.00
2,645.1	0.00	0.00	2,630.0	148.1	129.4	196.7	0.00	0.00	0.00
Fruitland									
2,700.0	0.00	0.00	2,684.9	148.1	129.4	196.7	0.00	0.00	0.00
2,800.0	0.00	0.00	2,784.9	148.1	129.4	196.7	0.00	0.00	0.00
2,900.0	0.00	0.00	2,884.9	148.1	129.4	196.7	0.00	0.00	0.00
3,000.0	0.00	0.00	2,984.9	148.1	129.4	196.7	0.00	0.00	0.00
3,067.1	0.00	0.00	3,052.0	148.1	129.4	196.7	0.00	0.00	0.00
Pictured Cliffs									
3,100.0	0.00	0.00	3,084.9	148.1	129.4	196.7	0.00	0.00	0.00
3,185.1	0.00	0.00	3,170.0	148.1	129.4	196.7	0.00	0.00	0.00
Lewis									
3,200.0	0.00	0.00	3,184.9	148.1	129.4	196.7	0.00	0.00	0.00
3,300.0	0.00	0.00	3,284.9	148.1	129.4	196.7	0.00	0.00	0.00
3,335.1	0.00	0.00	3,320.0	148.1	129.4	196.7	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Roelofs A 2B
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6362.0usft (AWS RIG)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	RKB @ 6362.0usft (AWS RIG)
Site:	Other Named Wells	North Reference:	True
Well:	Roelofs A 2B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7" Intermediate CSG									
3,400.0	0.00	0.00	3,384.9	148.1	129.4	196.7	0.00	0.00	0.00
3,500.0	0.00	0.00	3,484.9	148.1	129.4	196.7	0.00	0.00	0.00
3,600.0	0.00	0.00	3,584.9	148.1	129.4	196.7	0.00	0.00	0.00
3,700.0	0.00	0.00	3,684.9	148.1	129.4	196.7	0.00	0.00	0.00
3,800.0	0.00	0.00	3,784.9	148.1	129.4	196.7	0.00	0.00	0.00
3,834.1	0.00	0.00	3,819.0	148.1	129.4	196.7	0.00	0.00	0.00
Huerfanito Bentonite									
3,900.0	0.00	0.00	3,884.9	148.1	129.4	196.7	0.00	0.00	0.00
4,000.0	0.00	0.00	3,984.9	148.1	129.4	196.7	0.00	0.00	0.00
4,036.1	0.00	0.00	4,021.0	148.1	129.4	196.7	0.00	0.00	0.00
Chacra									
4,100.0	0.00	0.00	4,084.9	148.1	129.4	196.7	0.00	0.00	0.00
4,200.0	0.00	0.00	4,184.9	148.1	129.4	196.7	0.00	0.00	0.00
4,300.0	0.00	0.00	4,284.9	148.1	129.4	196.7	0.00	0.00	0.00
4,400.0	0.00	0.00	4,384.9	148.1	129.4	196.7	0.00	0.00	0.00
4,500.0	0.00	0.00	4,484.9	148.1	129.4	196.7	0.00	0.00	0.00
4,578.1	0.00	0.00	4,563.0	148.1	129.4	196.7	0.00	0.00	0.00
Upper Cliffhouse									
4,600.0	0.00	0.00	4,584.9	148.1	129.4	196.7	0.00	0.00	0.00
4,692.1	0.00	0.00	4,677.0	148.1	129.4	196.7	0.00	0.00	0.00
Massive Cliffhouse									
4,700.0	0.00	0.00	4,684.9	148.1	129.4	196.7	0.00	0.00	0.00
4,800.0	0.00	0.00	4,784.9	148.1	129.4	196.7	0.00	0.00	0.00
4,854.1	0.00	0.00	4,839.0	148.1	129.4	196.7	0.00	0.00	0.00
Menefee									
4,900.0	0.00	0.00	4,884.9	148.1	129.4	196.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,984.9	148.1	129.4	196.7	0.00	0.00	0.00
5,100.0	0.00	0.00	5,084.9	148.1	129.4	196.7	0.00	0.00	0.00
5,200.0	0.00	0.00	5,184.9	148.1	129.4	196.7	0.00	0.00	0.00
5,244.1	0.00	0.00	5,229.0	148.1	129.4	196.7	0.00	0.00	0.00
Point Lookout									
5,300.0	0.00	0.00	5,284.9	148.1	129.4	196.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,384.9	148.1	129.4	196.7	0.00	0.00	0.00
5,500.0	0.00	0.00	5,484.9	148.1	129.4	196.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,584.9	148.1	129.4	196.7	0.00	0.00	0.00
5,663.1	0.00	0.00	5,648.0	148.1	129.4	196.7	0.00	0.00	0.00
Mancos									
5,694.1	0.00	0.00	5,679.0	148.1	129.4	196.7	0.00	0.00	0.00
4 1/2" Production CSG									

ConocoPhillips

Planning Report

Database: EDM Central Planning Company: ConocoPhillips SJB Project: San Juan Basin - New Mexico West Wells Site: Other Named Wells Well: Roelofs A 2B Wellbore: Principal Wellbore Design: Plan #1	Local Co-ordinate Reference: Well Roelofs A 2B TVD Reference: RKB @ 6362.0usft (AWS RIG) MD Reference: RKB @ 6362.0usft (AWS RIG) North Reference: True Survey Calculation Method: Minimum Curvature	
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Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
Roelofs A 2B North Bound	0.00	0.11	0.0	185.0	0.4	2,085,233.15	553,865.30	36° 43' 50.035 N	107° 38' 58.270 W
- plan misses target center by 185.0usft at 0.0usft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Rectangle (sides W0.1 H400.0 D0.0)									
Roelofs A 2B East Bound	0.00	0.11	0.0	-0.3	149.0	2,085,048.16	554,014.29	36° 43' 48.203 N	107° 38' 56.444 W
- plan misses target center by 149.0usft at 0.0usft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Rectangle (sides W400.0 H0.1 D0.0)									
Roelofs A 2B PCP	0.00	0.12	5,679.0	148.1	129.4	2,085,196.50	553,994.41	36° 43' 49.670 N	107° 38' 56.684 W
- plan hits target center									
- Point									
Roelofs A 2B ICP	0.00	0.12	3,320.0	148.1	129.4	2,085,196.50	553,994.41	36° 43' 49.670 N	107° 38' 56.684 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter	
(usft)	(usft)		(")	(")	
230.0	230.0	9 5/8" Surface CSG	9-5/8	12-1/4	
3,335.1	3,320.0	7" Intermediate CSG	7	8-3/4	
5,694.1	5,679.0	4 1/2" Production CSG	4-1/2	6-1/4	

Formations					
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(usft)	(usft)			(°)	(°)
4,692.1	4,677.0	Massive Cliffhouse		0.00	
2,201.1	2,186.0	Kirtland		0.00	
5,663.1	5,648.0	Mancos		0.00	
2,035.1	2,020.0	Ojo		0.00	
4,578.1	4,563.0	Upper Cliffhouse		0.00	
2,645.1	2,630.0	Fruitland		0.00	
3,185.1	3,170.0	Lewis		0.00	
4,036.1	4,021.0	Chacra		0.00	
5,244.1	5,229.0	Point Lookout		0.00	
3,067.1	3,052.0	Pictured Cliffs		0.00	
4,854.1	4,839.0	Menefee		0.00	
695.1	694.0	Nacimiento		0.00	
3,834.1	3,819.0	Huerfano Bentonite		0.00	

REFERENCE INFORMATION

RKB @ 6362.0usft (AWS RIG)
Ground Elevation 6347.0
Reference Lat: 36° 43' 48.206 N
Reference Long: 107° 38' 58.274 W

Project: San Juan Basin - New Mexico West V
Other Named Wells
Well: Roelofs A 2B
Principal Wellbore
Plan #1



SECTION DETAILS

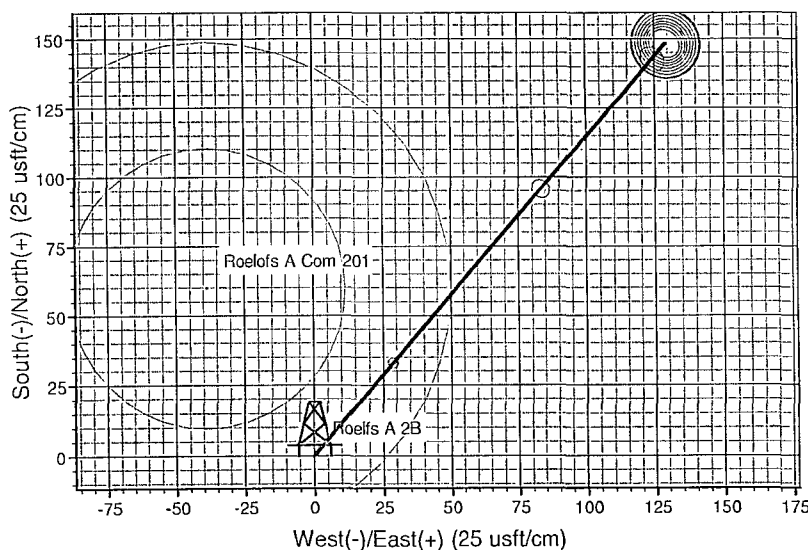
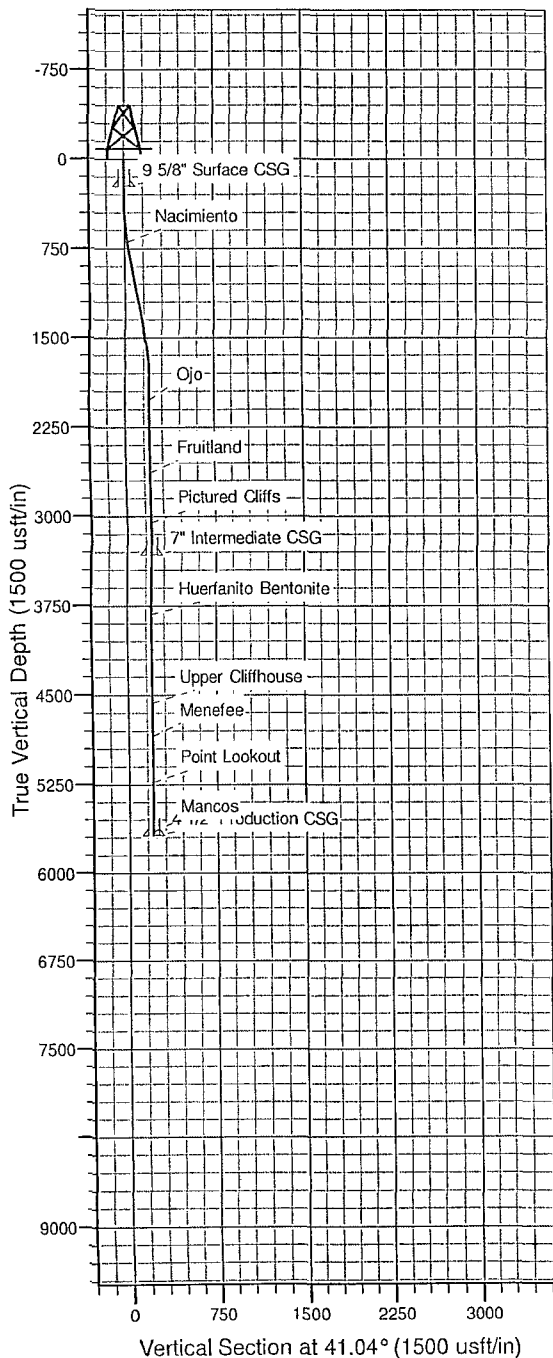
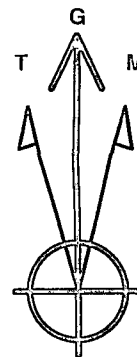
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	820.0	10.00	41.04	817.5	32.8	28.6	2.00	41.04	43.5	
4	1534.8	10.00	41.04	1521.4	126.5	110.1	0.00	0.00	167.7	
5	1868.2	0.00	0.00	1853.1	148.3	129.1	3.00	180.00	196.7	
6	3335.1	0.00	0.00	3320.0	148.3	129.1	0.00	0.00	196.7	Roelofs A 2B ICP
7	5694.1	0.00	0.00	5679.0	148.3	129.1	0.00	0.00	196.7	Roelofs A 2B PCP

FORMATION TOP DETAILS

TVDPth	MDPth	Formation
694.0	695.1	Nacimiento
2020.0	2035.1	Ojo
2186.0	2201.1	Kirtland
2630.0	2645.1	Fruitland
3052.0	3067.1	Pictured Cliffs
3170.0	3185.1	Lewis
3819.0	3834.1	Huerfanito Bentonite
4021.0	4036.1	Chacra
4563.0	4578.1	Upper Cliffhouse
4677.0	4692.1	Massive Cliffhouse
4839.0	4854.1	Menefee
5229.0	5244.1	Point Lookout
5648.0	5663.1	Mancos

Azimuths to Grid North
True North: -0.11°
Magnetic North: 9.84°

Magnetic Field
Strength: 50840.4snT
Dip Angle: 63.53°
Date: 7/13/2010
Model: BGGM2010



DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Bravos Rd., Artesia, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35193	² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code 18182	⁵ Property Name ROELOFS A	⁶ Well Number 2B
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6347'

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
D	14	29N	8W		845'	NORTH	1129'	WEST	SAN JUAN

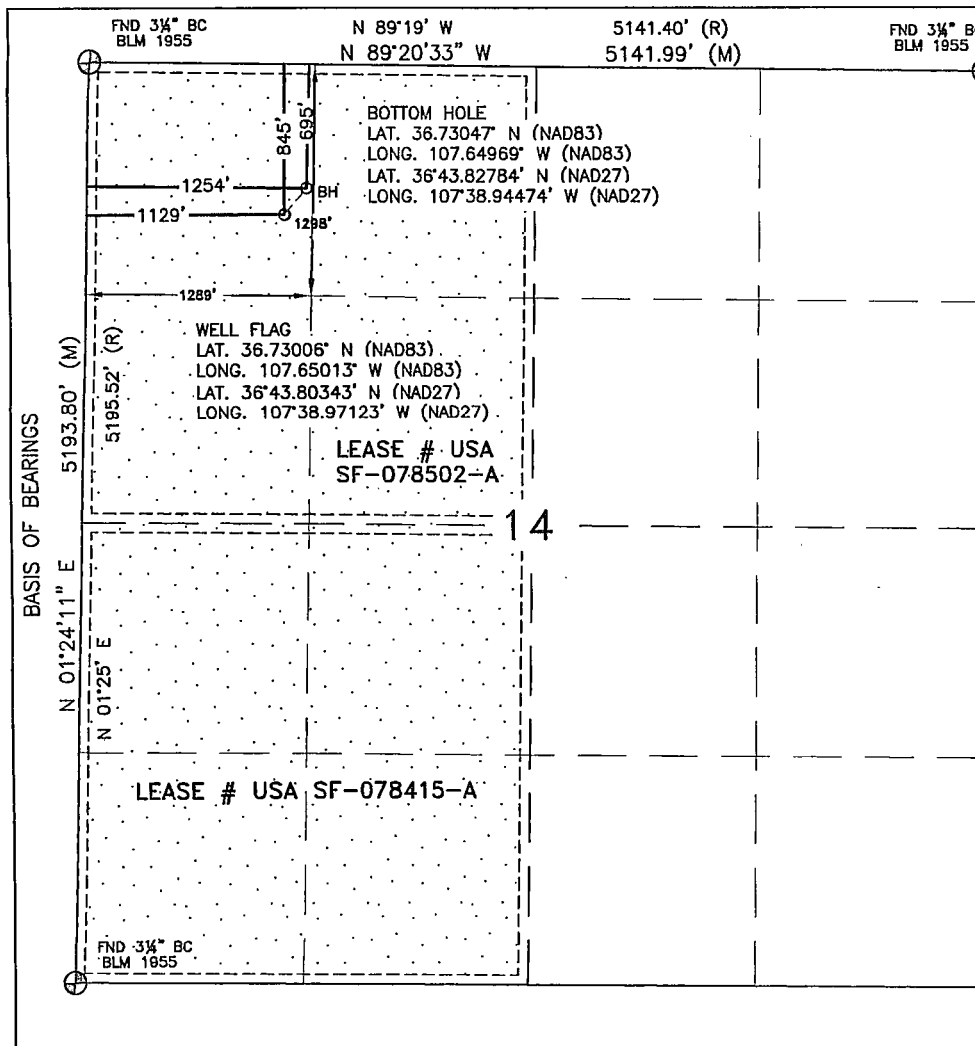
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	29N	8W		695'	NORTH	1254'	WEST	SAN JUAN

¹² Dedicated Acres 320.00 ACRES - W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

18



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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Journey 12/8/14
Signature Date

Denise Journey
Printed Name

Denise.Journey@conocophillips.cc

E-mail Address

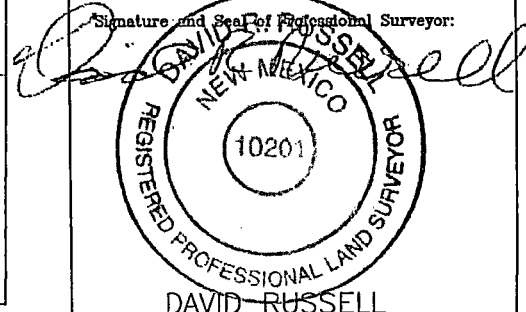
SURVEYOR CERTIFICATION

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.

APRIL 27, 2010

Date of Survey

Signature and Seal of Registered Surveyor:



DAVID RUSSELL

Certificate Number 10201