

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD MAR 19 '09
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 13 PM 4:03

1a. Type of Work DRILL	5. Lease Number USA SF-078424-B Unit Reporting Number 6. If Indian, All. or Tribe	
1b. Type of Well GAS		
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #66M	
4. Location of Well Surf: Unit A(NENE), 335' FNL & 190' FEL Sec 28 BH: Unit M(SWSW), 710' FSL & 710' FWL Sec 22 Surf: Latitude 36° 42.1812 N Longitude 107° 34.0279 W BH: Latitude 36° 42.3623 N Longitude 107° 33.8578 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 28, T29N, R7W API # 30-039-30322	
14. Distance in Miles from Nearest Town 16 mile/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 120'		
16. Acres in Lease 160	17. Acres Assigned to Well MV/DK 320 (E/2) W/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 820' from San Juan 29-7 Unit #197		
19. Proposed Depth 8048' TVD/8324' TMD	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6775' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Rhonda Rogers (Regulatory Technician)	8-13-07 Date	

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE AFM DATE 3/17/09

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

Hold C104

for Directional Survey
and "As Drilled" plat

NMOCD

MAR 20 2009

[Signature]

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30322	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 66M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6778'

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	28	29-N	7-W		335'	NORTH	190'	EAST	RIO ARRIBA

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
M	22	29-N	7-W		710'	SOUTH	710'	WEST	RIO ARRIBA

¹² Dedicated Acres 320.00	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

Bottom Hole LAT: 36°42.3623'N. LONG: 107°33.8578'W. NAD 1927 LAT: 36.706045N. LONG: 107.564904W. NAD 1983 Surface LAT: 36°42.1909'N. LONG: 107°34.0423'W. NAD 1927 LAT: 36.703189N. LONG: 107.567979W. NAD 1983		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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Patsy Clugston 12/31/07 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. 10-3-1587 Date of Survey Signature and Seal of Professional Surveyor GLEN W. RUSSELL Certificate Number 15703

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

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

RECEIVED

JAN 02 2008

Bureau of Land Management
Farmington Field Office

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

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

Surface location – Unit A (NENE), 335' FNL & 190' FEL, Sec. 28, T29N, R7W

Bottomhole – Unit M (SWSW), 710' FSL & 710' FWL, Sec. 22, T29N, R7W

5. **Lease Number**
NMSF-078424-B

6. **If Indian, All. or
Tribe Name**

7. **Unit Agreement Name**

San Juan 29-7 Unit

8. **Well Name & Number**

SJ 29-7 Unit #66M

9. **API Well No.**

30-039-30322

10. **Field and Pool**
Basin Dakota / Blanco MV

11. **County and State**
Rio Arriba Co., 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 – Moved location

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

☐ Final Abandonment

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

The subject well was moved slightly to take the pad off of the San Rafael ACEC. The new well & pipeline plat are attached. The old footages were 395' FNL & 120' FEL for the surface location. **The new location for the surface is 335' FNL & 190' FEL, Sec. 28, T29N R7W.** Please make a note of these changes. The bottomhole location is still the same, 710' FNL & 710' FWL. The cement and casing will be revised slightly to accommodate the change. Won't be submitting a new prognosis Sine the move was so minor.

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

Signed Patsy Clugston Patsy Clugston Title Regulatory Specialist Date 12/31/07

(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM

Date 3/17/09

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

NMOC

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 66M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7021				AFE \$:	
Field Name: hBR_SAN JUAN 29-7 UNIT		Rig: Aztec Rig 730		State: NM	County: RIO ARRIBA	API #:	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Pippin, Eddie A		Phone: 505-326-9780		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface		Datum Code: NAD 27				Deviated	
Latitude: 36.703020	Longitude: -107.567132	X:	Y:	Section: 28	Range: 007W		
Footage X: 120 FEL	Footage Y: 395 FNL	Elevation: 6775	(FT)	Township: 029N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Deviated	
Latitude: 36.706038	Longitude: -107.564297	X:	Y:	Section: 22	Range: 007W		
Footage X: 710 FWL	Footage Y: 710 FSL	Elevation:	(FT)	Township: 029N			
Tolerance:							
Location Type: Year Round		Start Date (Est.):		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6791		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	215	6576	☐			12-1/4 hole. 215 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 170 cuft. Circulate cement to surface.	
OJAM	2709	4082	☐				
KRLD	2775	4016	☐				
FRLD	3202	3589	☐			Possible Gas	
PCCF	3576	3215	☐				
LEWS	3704	3087	☐				
Intermediate Casing	4200	2591	☐			8 3/4" Hole. 7", 23 ppf, L-80 LTC Casing. Cement with 1008 cuft. Circulate cement to surface.	
CHRA	4527	2264	☐				
UCLFH	5084	1707	☐			Gas	
MASSIVE CLIFF HOUSE	5276	1515	☐	546		Gas	
MENF	5384	1407	☐				
PTLK	5742	1049	☐				
MNCS	6122	669	☐				
GLLP	6995	-204	☐				
GRHN	7707	-916	☐				
GRRS	7762	-971	☐				
TWLS	7814	-1023	☐	2000		Gas	
CBRO	7929	-1138	☐				
CBRL	7955	-1164	☐				
ENCINAL	8018	-1227	☐			TD 30' below T/ENCN	
TOTAL DEPTH DK	8048	-1257	☐	2200		6-1/4" Hole. 4-1/2", 11.6 ppf, L80 LTC casing. Cement with 525 cuft. Circulate cement a minimum of 100' inside the previous casing string.	

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 29-7 UNIT 66M

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 29-7 50fM	SE 21-29N-7W (DIR)
Production	SJ 29-7 124M	NE 28-29N-7W

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

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
GR_CBL, Mudlogger 100' above GRHN to TD							

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - DK 29N07W22SW1 AND MVNM029N007W22SW2, Mudlogger 100' above GRHN to TD

Zones - DK 29N07W22SW1 AND MVNM029N007W22SW2

General/Work Description - DIRECTIONAL DRILL

ConocoPhillips or its affiliates

Survey Report

Company:	ConocoPhillips Lower 48	Local Co-ordinate Reference:	Well SJ 29-7 #66M
Project:	San Juan Basin	TVD Reference:	WELL @ 6790 0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK we	MD Reference:	WELL @ 6790 0ft (Original Well Elev)
Well:	SJ 29-7 #66M	North Reference:	True
Wellbore:	SJ 29-7 #66M	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM Central Planning

Planned Survey

Measured Depth (ft)	Inclination (d)	Azimuth (d)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (d/100ft)	Build Rate (d/100ft)	Turn Rate (d/100ft)
8,230.8	0.00	0.00	7,955.0	1,105.0	830.0	1,382.0	0.00	0.00	0.00
Lower Cubero									
8,293.8	0.00	0.00	8,018.0	1,105.0	830.0	1,382.0	0.00	0.00	0.00
Encinal									
8,300.0	0.00	0.00	8,024.2	1,105.0	830.0	1,382.0	0.00	0.00	0.00
8,323.8	0.00	0.00	8,048.0	1,105.0	830.0	1,382.0	0.00	0.00	0.00
TD - SJ 29-7 #66M - PCP									

Targets

Target Name	Dip Angle (d)	Dip Dir. (d)	TVD (ft)	+N/-S ft	+E/-W ft	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
SJ 29-7 #66M - ICP	0.00	0.00	4,200.0	1,105.0	830.0	1,093.20	845.93	30° 59' 35.449" N	109° 25' 34.559" W
- plan hits target									
- Point									
SJ 29-7 #66M - PCF	0.00	0.00	8,048.0	1,105.0	830.0	1,093.20	845.93	30° 59' 35.449" N	109° 25' 34.559" W
- plan hits target									
- Point									

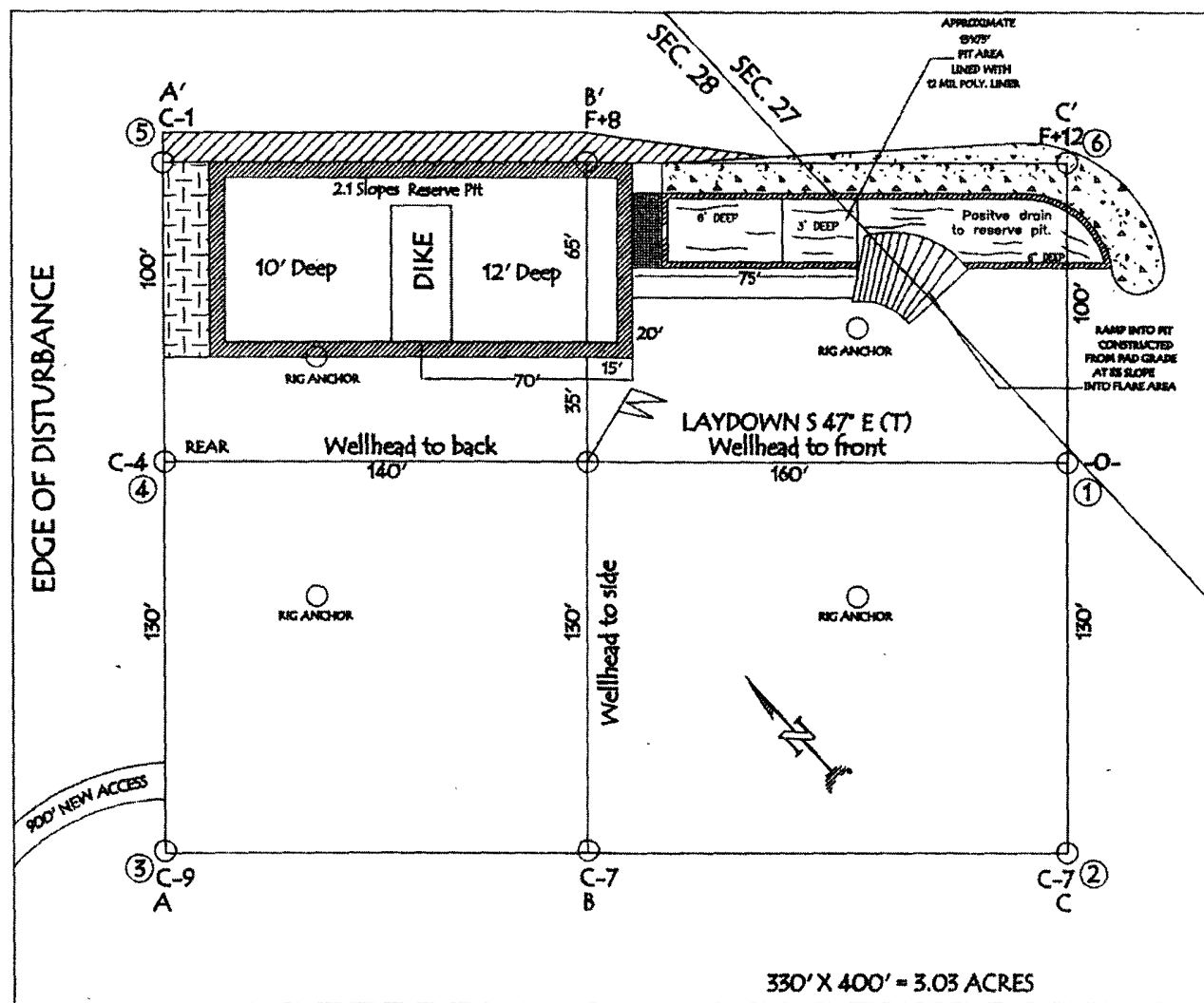
Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (d)	Dip Direction (d)
2,890.3	2,709.0	Ojo Alamo		0.00	
2,962.9	2,775.0	Kirtland		0.00	
3,432.5	3,202.0	Fruitland		0.00	
3,840.1	3,576.0	Pictured Cliffs		0.00	
3,974.0	3,704.0	Lewis		0.00	
4,802.8	4,527.0	Chacra		0.00	
5,359.8	5,084.0	Cliffhouse		0.00	
5,551.8	5,276.0	Mass. Cliffhouse		0.00	
5,659.8	5,384.0	Menefee		0.00	
6,017.8	5,742.0	Pt. Lookout		0.00	
6,397.8	6,122.0	Mancos Shale		0.00	
7,270.8	6,995.0	Gallup		0.00	
7,982.8	7,707.0	Greenhorn		0.00	
8,037.8	7,762.0	Graneros		0.00	
8,089.8	7,814.0	Two Wells		0.00	
8,204.8	7,929.0	Upper Cubero		0.00	
8,230.8	7,955.0	Lower Cubero		0.00	
8,293.8	8,018.0	Encinal		0.00	
8,323.8	8,048.0	TD		0.00	

Checked By: _____	Approved By: _____	Date: _____
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BURLINGTON RESOURCES OIL & GAS COMPANY LP
 SAN JUAN 29-7 UNIT 66M, 395' FNL & 120' FEL
 SECTION 28, T-29-N, R-7-W, NMPM, RIO ARriba COUNTY, NM
 GROUND ELEVATION: 6775', DATE: MARCH 27, 2007

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).



NOTE: VECTOR SURVEY IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

LATITUDE: 36° 42.1812' N LONGITUDE: 107° 34.0279' W NAD27

SAN JUAN 29-7 UNIT 66M, 335' FNL & 190' FEL

GROUND ELEVATION: 6778', DATE: OCTOBER 26, 2007

[illegible]

PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

LATITUDE: 36.42.1909' N
LONGITUDE: 107.34.0423' W NAD27
NAD27

Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 29-7 UNIT 66M
335' FNL & 190' FEL,
Section 28, T29N, R7W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36.703189° N
Longitude: 107.567979° W
Nad 83

From the Post Office in Blanco, NM
Take Highway 64 East for 8.5 miles

Turn right (southerly) for 0.6 miles,
Stay left @ y-intersection (southeasterly) for 1.0 miles,
Turn left (northerly) for 0.3 miles,
Turn right (easterly) along Ridge Road 6 miles,
Turn left to beginning of new access
on southwest corner of existing location,
continue (northeast) 800' to the newly staked location.