

Form 3160-5
(August 2007)
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMENDED

RCVD JUN 11 '12
OIL CONS. DIV.

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

JUN 08 2012

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.

5 Lease Serial No.

SF-080672

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No

San Juan 27-4 Unit

8 Well Name and No.

San Juan 27-4 Unit 155A

9 API Well No

30-039-30967

10. Field and Pool or Exploratory Area

Blanco MV/Basin Mancos/Basin DK

11. Country or Parish, State

Rio Arriba, New Mexico

1 Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3a Address

PO Box 4289, Farmington, NM 87499

3b. Phone No (include area code)

(505) 326-9700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit M (SWSW), 1117 FSL & 988' FWL, Sec. 24, T27N, R4W

Bottomhole Unit M (SWSW), 1236' FSL & 804' FWL, Sec. 24, T27N, R4W

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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.)

For anti-collision issues with the San Juan 27-4 Unit 81 which is twinned on the same location, Burlington Resources is now proposing to use directional tools and nudge this well. Attached is a new Project Proposal, Directional Plan, and C-102.

Please see correct Project Proposal Attached indicating the correct cement volumes & type of Casing for the Intermediate Casing.

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

14. I hereby certify that the foregoing is true and correct. (Printed/Type)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

Denise Journey

Date

6/8/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Shua C. Valdez

Title

PE

Date

6/11/12

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

FEO

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)

NMOCD W

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-4 UNIT 155A

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9125				AFE \$: 2,169,003.23	
Field Name: SAN JUAN 27-4 UNIT		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA	API #: 3003930967	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RCO085	MANCOS(RCO085)						
R20076	DAKOTA(R20076)						
R20002	MESAVERDE(R20002)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.554601	Longitude: -107.207839	X:	Y:	Section: 24	Range: 004W		
Footage X: 988 FWL	Footage Y: 1117 FSL	Elevation: 7170	(FT)	Township: 027N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.554930	Longitude: -107.208468	X:	Y:	Section: 24	Range: 004W		
Footage X: 804 FWL	Footage Y: 1236 FSL	Elevation:	(FT)	Township: 027N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 7186 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	201	6985		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	2278	4908		<input type="checkbox"/>			
OJO ALAMO	3440	3746		<input type="checkbox"/>			
KIRTLAND	3594	3592		<input type="checkbox"/>			
FRUITLAND	3676	3510		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	4024	3162		<input type="checkbox"/>			
LEWIS	4105	3081		<input type="checkbox"/>			
Intermediate Casing	4205	2981		<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC/LTC Casing. Cement with 950 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4488	2698		<input type="checkbox"/>			
CHACRA	4988	2198		<input type="checkbox"/>			
UPPER CLIFF HOUSE	5591	1595		<input type="checkbox"/>			Gas; Est. Top Perf - 5592 (1593)
MASSIVE CLIFF HOUSE	5737	1449		<input type="checkbox"/>	898		Gas; Cliffhouse is dry
MENEFEE	5866	1320		<input type="checkbox"/>			
POINT LOOKOUT	6140	1046		<input type="checkbox"/>			
MANCOS	6707	479		<input type="checkbox"/>			
UPPER GALLUP	7338	-152		<input type="checkbox"/>			
GREENHORN	8148	-962		<input type="checkbox"/>			
GRANEROS	8204	-1018		<input type="checkbox"/>			
TWO WELLS	8248	-1062		<input type="checkbox"/>	3350		Gas
PAGUATE	8318	-1132		<input type="checkbox"/>			
UPPER CUBERO	8356	-1170		<input type="checkbox"/>			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-4 UNIT 155A

DEVELOPMENT

LOWER CUBERO	8399	-1213	<input type="checkbox"/>	Est Bottom Perf ~15' from TD.
OAK CANYON	8420	-1234	<input type="checkbox"/>	
Total Depth	8454	-1268	<input type="checkbox"/>	6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55/L-80, STC/LTC casing. Cement w/ 578 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	8454	-1268	<input type="checkbox"/>	TD - T/ENCN

Reference Wells:

Reference Type	Well Name	Comments
Production	Champlin 5C	27N 4W 25 E2 SW SW
Production	Champlin 8-25	27N 4W 25 SE NW SE
Production	Champlin 7B	27N 4W 25 SE NW NE
Production	Champlin 6-25	27N 4W 25 NW SE NW

Logging Program:

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

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

Quad Combo & ECS at TD for Mancos - Mudlog from 100' above top of Gallup to TD - mudlogger will call TD due to lack of control in the area.

Additional Information:

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