

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD DEC 27 '11
RECEIVED
OIL CONS. DIV.

OCT 25 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF 079392 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name DK-NMNM 78409A San Juan 27-5 Unit MV-NMNM 78409B
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well Surface: Unit G(SWNE), 1395' FNL & 1882' FEL Surface: Latitude: 36.54793° N (NAD83) LOT 7 Longitude: 107.37927° W	9. Well Number 140P
	10. Field, Pool, Wildcat Blanco MV/Basin DK
	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T27N, R5W API # 30-039-31096
14. Distance in Miles from Nearest Town 40 miles to Blanco	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1395'	
16. Acres in Lease 2511.830	17. Acres Assigned to Well 295.88 Acres E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 308' SJ 27-5 #319 (FC)	
19. Proposed Depth 7686'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6497' GL This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Arleen Kellywood</u> Arleen Kellywood (Staff Regulatory Tech)	10/25/11 Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]

TITLE Acting AFM

DATE 12/23/11

Archaeological Report attached

A gas recovery unit may or may not be used on this location.

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

ca JAN 13 2012

A 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

PC

RECEIVED

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OCT 25 2011

Form C-102
Revised July 10, 2010

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

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

Submit one copy to appropriate
Farmington Field Office District Office
Bureau of Land Management.

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87605

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31096	² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	⁶ Well Number 140P
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6497'

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
G	29	27N	5W	7	1395'	NORTH	1882'	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
¹² Dedicated Acres 295.88 Acres E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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 released 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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Arleen R. Kellywood 6/17/11
Signature Date

Arleen R. Kellywood
Printed Name

arleen.r.kellywood@conocophillips.com
E-mail Address

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.

JUNE 3, 2011
Date of Survey

Signature and Seal of Professional Surveyor:
DAVID A. RUSSELL
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
10201

DAVID RUSSELL
Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-5 UNIT 140P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1065				AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		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 Straight Hole							
Latitude: 36.547920		Longitude: -107.378668		X:	Y:	Section: 29	Range: 005W
Footage X: 1882 FEL		Footage Y: 1395 FNL		Elevation: 6497 (FT)		Township: 027N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2015		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6512 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6312		☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	1228	5284		☐			
OJO ALAMO	2621	3891		☐			
KIRTLAND	2764	3748		☐			
FRUITLAND	2789	3723		☐			Possible Gas
PICTURED CLIFFS	3248	3264		☐			
LEWIS	3334	3178		☐			
Intermediate Casing	3434	3078		☐	116		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 774 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3664	2848		☐			
CHACRA	4204	2308		☐			
UPPER CLIFF HOUSE	4785	1727		☐			Gas; Est. Top Perf - 4787 (1725)
MASSIVE CLIFF HOUSE	4877	1635		☐	698		Gas; Cliffhouse is dry
MENEFEE	5002	1510		☐			
POINT LOOKOUT	5426	1086		☐			
MANCOS	5888	624		☐			
UPPER GALLUP	6575	-63		☐			
GREENHORN	7351	-839		☐			
GRANEROS	7408	-896		☐			
TWO WELLS	7438	-926		☐	2192		Gas
PAGUATE	7546	-1034		☐			
UPPER CUBERO	7557	-1045		☐			
LOWER CUBERO	7596	-1084		☐			Est. Btm Perf - 7671 (- 1159) based on offset wells
ENCINAL	7686	-1174		☐			TD - T/ENCN
Total Depth	7686	-1174		☐	193		6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 579 cuft. Circulate cement a minimum of 100' inside the previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-5 UNIT 140P

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 27-5 UNIT 140	27N 5W 29 SW NE NE
Production	SJ 27-5 UNIT 165M	27N 5W 29 SW NE NW
Production	SJ 27-5 UNIT 140M	27N 5W 29 SE NW 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

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 27-5 UNIT #140P
1395' FNL & 1882' FEL
LOCATED IN THE SW/4 NE/4 OF SECTION 29,
T27N, R5W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM THE POST OFFICE IN BLANCO, TRAVEL EASTERLY ON HWY 64 FO 28 MILES.
- 2) TURN RIGHT AT GOBERNADOR ROAD AND TRAVEL 1.1 MILES.
- 3) TURN RIGHT ON AMERICAN GENERAL AND TRAVEL 3.3 MILES TO A 4-WAY INTERSECTION.
- 4) CONTINUE ACROSS MUNOZ WASH FOR 5.2 MILES TO AN INTERSECTION.
- 5) TURN RIGHT AND TRAVEL 2.1 MILES TO AN INTERSECTION.
- 6) CONTINUE AND TRAVEL 0.1 MILES.
- 7) TURN RIGHT ONTO EXISTING WELL LOCATION WHERE NEW ACCESS IS STAKED.

WELL FLAG LOCATED AT LAT. 36.54793° N, LONG. 107.37927° W (NAD 83).

JOB No.: COPC438
DATE: 06/08/11



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637