

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JUL 1'11
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078943-A 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 FC-NMNM78417D San Juan 29-7 Unit PC-OPA	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name	
	9. Well Number 547S	
4. Location of Well Surface: Unit J(NWSE), 1798' FSL & 1329' FEL Surface: Latitude: 36.7381889° N (NAD83) Longitude: 107.6078714° W	10. Field, Pool, Wildcat Basin FC / Blanco PC 11. Sec., TwN, Rge, Mer. (NMPM) Unit J, Sec. 7, T29N, R7W API # 30-039- 31048	
14. Distance in Miles from Nearest Town 16 miles from Blanco, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1329'		
16. Acres in Lease 546.720 <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	17. Acres Assigned to Well 320acres (E/2) FC 160acres (SE/4) PC	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 72' from SJ 29-7 Unit 52A (MV)		
19. Proposed Depth 3233'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6264' GL	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>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)	Date: <u>April 6, 2011</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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 2

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

AV
JUL 25 2011
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

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. 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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 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

*API Number 30-039 - 31048	*Pool Code 71629 / 72359	BASIN FRUITLAND COAL / PICTURED CLIFFS	*Pool Name BLANCO
*Property Code 37444 7465	*Property Name SAN JUAN 29-7 UNIT		*Well Number 547S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6264

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
J	7	29 N	7 W		1798	SOUTH	1329	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 320 (E/2) FC 160 (SE/4) PC		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

	N 89°56'40" W 1844.04' N 0°36'35" E 251.66' (CALC.) LOT 5 (18.08) 2377.81' (CALC.)	S 89°45'23" W 2635.08' 2639.00'	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. Signature: <i>Dollie L. Busse</i> Date: 2/15/12 Printed Name: <u>Dollie L. Busse</u>	
	N 0°19'09" E 240.55' (CALC.) LOT 6 (18.98) 2388.93'	2) SE/4 - 160 ACRES FOR PC SPACING/DENSITY; E/2 - 320 ACRES FOR FEDERAL UNIT AGREEMENT DRILLBLOCK SPACING USA SF-078943-A SECTION 7		N 0°08'45" W 2618.16'
	N 0°19'11" E 240.55' (CALC.) LOT 7 (18.88) 1798'	LAT: 36.7381889° N LONG: 107.6078714° W NAD 83 LAT: 36°44.29097' N LONG: 107°36.43573' W NAD 27		1329'
N 0°24'35" E 1891.60 (CALC.) LOT 8 (17.28) S 89°51'34" W (M)	S 89°51'34" W (M) 2631.96' (CALC.) N 0°04'27" W	17078 Certificate Number	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. Date of Survey: 3/26/10 Signature and Seal of Professional Surveyor: <i>Marshall W. Linden</i> MARSHALL W. LINDEN NEW MEXICO 4-13-10 17078 PROFESSIONAL SURVEYOR	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 547S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9397		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)
R20003	PICTURED CLIFFS(R20003)

Location: Surface		Datum: Code: NAD.27		Straight Hole	
Latitude: 36.738183	Longitude: -107.607262	X:	Y:	Section: 07	Range: 007W
Footage X: 1329 FEL		Footage Y: 1798 FSL		Elevation: 6264 (FT)	Township: 029N

Tolerance:

Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6279 Units = FT							

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6159		<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
NACIMIENTO	669	5610		<input type="checkbox"/>			
OJO ALAMO	2075	4204		<input type="checkbox"/>			
KIRTLAND	2196	4083		<input type="checkbox"/>			
FRUITLAND	2613	3666		<input type="checkbox"/>	281	104	Gas
FRUITLAND COAL	2776	3503		<input type="checkbox"/>			
PICTURED CLIFFS	3033	3246		<input type="checkbox"/>	898	113	Gas; TD - 200' below T/PCCF
Total Depth	3233	3046		<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 433 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	SAN JUAN 29-7 UNIT 520	

Logging Program:

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

TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
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gr/cbl

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 29-7 UNIT 547S

1798' FSL & 1329' FEL

LATITUDE: 36.7381889° N

LONGITUDE: 107.6078714° W

NAD 83

SECTION 7, T-29-N, R-7-W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

FROM THE INTERSECTION OF U.S. HIGHWAY 64 AND NEW MEXICO
STATE HIGHWAY 539 AT NAVAJO CITY, NEW MEXICO.

TRAVEL EASTERLY 0.3 MILE ON U.S. HIGHWAY 64.

TURN RIGHT AT LOCKED GATE.

GAIN ACCESS THROUGH GATE AND TRAVEL SOUTHERLY 0.5 MILE

TURN RIGHT AT FORK IN ROAD AND TRAVEL SOUTHWESTERLY 0.1 MILE.

TAKE RIGHT AT FORK IN ROAD AND CONTINUE SOUTHWESTERLY 0.2 MILE.

TAKE LEFT AT FORK IN ROAD AND CONTINUE SOUTHWESTERLY 0.4 MILE.

TAKE RIGHT AT FORK IN ROAD AND

CONTINUE SOUTHWESTERLY 300' TO PROPOSED ACCESS ROUTE

TO PROPOSED SAN JUAN 29-7 UNIT 547S WELL LOCATION.