

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address BURLINGTON RESOURCES OIL & GAS COMPANY LP 3401 E. 30TH STREET FARMINGTON , NM 87402		2. OGRID Number 14538
		3. API Number 30-045-34509
4. Property Code 32856	5. Property Name CRANDELL COM	6. Well No. 501S

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	35	31N	12W	H	1920	N	770	E	SAN JUAN

**8. Pool Information**

BASIN FRUITLAND COAL (GAS)	71629
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 5864
14. Multiple N	15. Proposed Depth 2501	16. Formation Fruitland Coal	17. Contractor	18. Spud Date
Depth to Ground water 101		Distance from nearest fresh water well > 1000		Distance to nearest surface water 170
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 4400 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	8.75	7	20	120	50	0
Prod	6.25	4.5	10.5	2501	384	0

**Casing/Cement Program: Additional Comments**

The cement volume shown is the cubic feet of cement to be used not sacks. This will be a Type 2 well in the BR/COP Master Drilling Plan.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	Schafer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that the drilling pit will be constructed according to NMOCB guidelines ☐ a general permit ☒ or an (attached) alternative OCB-approved plan ☐.

Printed Name: Electronically filed by Philana Thompson

Title: Regulatory Technician

Email Address: thomppp@conocophillips.com

Date: 11/16/2007 Phone: 505-326-9530

**OIL CONSERVATION DIVISION**

Approved By: Charlie Perrin

Title: District Supervisor

Approved Date: 11/19/2007 Expiration Date: 11/19/2008

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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Form C-102  
 Permit 64614

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-34509	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 32856	5. Property Name CRANDELL COM	6. Well No. 501S
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 5864

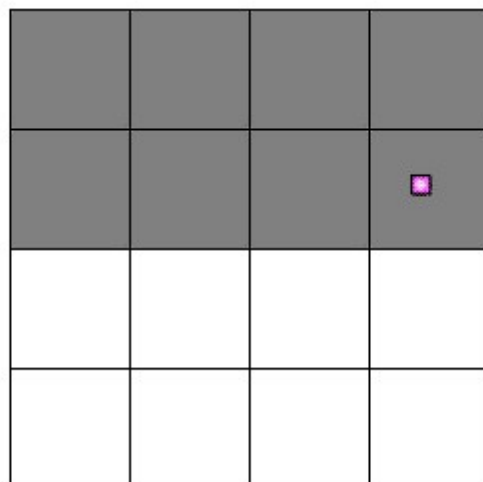
**10. Surface Location**

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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		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**



**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(s) 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.*

E-Signed By: Philana Thompson  
 Title: Regulatory Technician  
 Date: 11/16/2007

**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.*

Surveyed By: David R. Russell  
 Date of Survey: 9/20/2007  
 Certificate Number: 10201

## Permit Comments

**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

**Well:** CRANDELL COM #501S

**API:** 30-045-34509

Created By	Comment	Comment Date
PLCLUGSTON	The pit sundry will be submitted once the APD is approved.	11/16/2007