

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

Form C-101
Permit 51821

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 30-045-34305
4. Property Code 6979	5. Property Name EPNG COM A	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	32	31N	08W	F	2500	N	2665	W	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 CO2	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 6321
14. Multiple N	15. Proposed Depth 3153	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 > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils 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	12.25	9.625	32.3	200	162	0
Int1	8.75	7	20	3113	354	0
Prod	6.25	5.5	15.5	3153	0	

Casing/Cement Program: Additional Comments

A 7" Reliant Series Model M Mechanical Set Single String Retrievable packer from Baker Oil Tools will be set @ approx. 3073'.
Tubing will be 2-7/8" 6.4# J-55.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	Schafer
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 NMOCD guidelines ☐ a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Printed Name: Electronically filed by Juanita Farrell Title: Regulatory Specialist Email Address: juanita.r.farrell@conocophillips.com Date: 6/19/2007 Phone: 505-599-3419	Approved By: Title: Approved Date: Expiration Date: Conditions of Approval Attached
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District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102
 Permit 51821

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-34305	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 6979	5. Property Name EPNG COM A	6. Well No. 001
7. OGRID No. 14538	8. Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	9. Elevation 6321

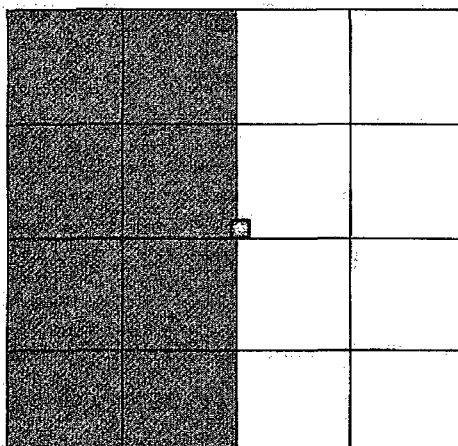
10. Surface Location

UL - Lot F	Section 32	Township 31N	Range 08W	Lot Idn	Feet From 2500	N/S Line N	Feet From 2665	E/W Line W	County SAN JUAN
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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

	<p align="center">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>E-Signed By: Juanita Farrell Title: Regulatory Specialist Date: 6/19/2007</p>
	<p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Glen W. Russell Date of Survey: 2/23/2007 Certificate Number: 15703</p>

Permit Comments

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: EPNG COM A #001

API:

Created By	Comment	Comment Date
PLCLUGSTON	This is a CO2 injection well. We will be submitting a C108 permit and taking this well to hearing for approval. We have entered in to a partnership with the NM Tech and the Department of Energy on the project. And the project will run for a year.	4/18/2007
PLCLUGSTON	Will be using a uncement liner for the production casing on this well.	4/25/2007
PLCLUGSTON	The pit sundry will be submitted after the APD is approved	4/25/2007
CPerrin	the well's casing and cementing design is un-orthodox, please include it in the hearing process.	5/17/2007

Permit Conditions of Approval

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: EPNG COM A #001

API: 30-045-34305

OCD Reviewer	Condition
SHAYDEN	Will require an order to permit CO2 sequestration.