

**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-101  
Permit 9578

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address BURLINGTON RESOURCES OIL & GAS CO PO Box 4289 Farmington, NM 87499		OGRID Number 14538
		API Number 30-045-33010
Property Code 18617	Property Name SAMMONS	Well No. 100S

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	32	30N	12W	O	410	S	1395	E	San Juan

**Proposed Pools**

BASIN FRUITLAND COAL (GAS) 71629				
Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 5498
Multiple N	Proposed Depth 1763	Formation Fruitland Coal	Contractor	Spud Date

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	8.75	7	20	120	50	0
Prod	6.25	4.5	10.5	1763	69	0

**Casing/Cement Program: Additional Comments**

If the 7 inch surface casing is pre-set drilled (Mote) will cement with 12 sx Type I, II cement with 20% flyash mixed (1.61 cf/sx). Will bring cement to surface. Wait on cement for 24 hrs for pre-set holes before pressure testing or drilling out under surface string.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	Schafer

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

Electronically Signed By: Joni Clark

Title: Specialist

Date: 04/11/2005 Phone: 505-326-9701

<b>OIL CONSERVATION DIVISION</b>	
Electronically Approved By: Charlie Perrin	
Title: Manager	
Approval Date: 04/15/2005	Expiration Date: 04/15/2006
Conditions of Approval: There are conditions. See Attached.	

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Huerfano 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

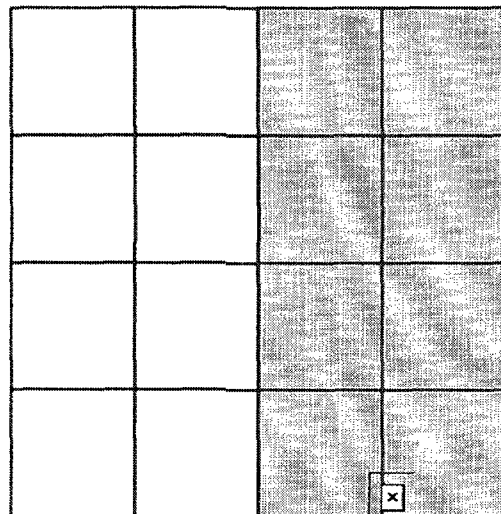
Form C-102  
Permit 9578

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-045-33010	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 18617	Property Name SAMMONS	Well No. 100S
UGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO	Elevation 5498

**Surface And Bottom Hole Location**

UL or Lot O	Section 32	Township 30N	Range 12W	Lot Ldn O	Feet From 410	N/S Line S	Feet From 1395	E/W Line E	County San Juan
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			



**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Joni Clark

Title: Specialist

Date: 04/11/2005

**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: John A Vukonich

Date of Survey: 03/15/2005

Certificate Number: 14528

**Permit Conditions Of Approval**  
**C-101, Permit 9578**

Operator: BURLINGTON RESOURCES OIL & GAS CO , 14538

Well: SAMMONS #100S

OCD Reviewer	Condition
SHAYDEN	Hold C-104 pending cancellation of original permit and location for the Sammons #100S.
SHAYDEN	Notice is to be given to the OCD prior to construction of the pit(s)
SHAYDEN	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
SHAYDEN	Will require administrative order for non-standard location

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

Form C-104B  
Permit 10710

Change of Operator Name

OGRID: 14538  
Effective Date: 12/31/2000

Previous Operator Name and Information

Name: BURLINGTON RESOURCES OIL & GAS  
CO  
Address: PO Box 4289  
Address: \_\_\_\_\_  
City, State, Zip: Farmington, NM 87499

New Operator Name and Information

Name: BURLINGTON RESOURCES OIL & GAS  
COMPANY LP  
Address: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the certified list of wells is true to the best of my knowledge and belief.

Signature: Alan Alexander  
Printed Name: ALAN ALEXANDER  
Title: SENIOR LARD ADVISOR  
Date: 5/4/05 Phone: 505-326-9757

NMOCD Approval

Electronic Signature: David Brooks  
District: District IV  
Date: May 04, 2005

Submit 3 Copies To Appropriate District  
Office

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

Form C-103

May 27, 2004

**OIL CONSERVATION DIVISION**

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

WELL API NO.

30-045-33010

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

FEE

7. Lease Name or Unit Agreement Name

Sammons

8. Well Number

#100S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal - 71629

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter O : 490 feet from the South line and 1465 feet from the East line  
Section 32 Township 30N Range 12W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5491' GL

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type new drill Depth to Groundwater <50' Distance from nearest fresh water well

>1000' Distance from nearest surface water

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPL ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

OTHER:

New Drill Pit (Revised - location moved slightly) ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

*Patsy Clugston*

TITLE

Sr. Regulatory Specialist

DATE

7/8/2005

Type or print name

Patsy Clugston

E-mail address:

pclugston@br-inc.com

Telephone No.

505-326-9518

For State Use Only

APPROVED BY

*[Signature]*

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 5

DATE

JUL 11 2005

Conditions of Approval (if any):