#### State of New Mexico

Form C-101 Permit 108191

### **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 :	2. OGRID Number		
BURLINGTON RESOURCE	14538		
	3401 E. 30TH STREET FARMINGTON, NM 87402		
4. Property Code	5. Property Name	6. Well No.	
7104	HAYNIE	100S	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	4	30N	11W	I	1423	S	1067	E	SAN JUAN

#### 8. Pool Information

BASIN FRUITLAND COAL	(GAS)	71629
Diton Troller Door	(0.10)	71023

#### Additional Well Information

9. Work Type New Well	10. Wett Type GAS	11. Cable/Rotary	12. Lesse Type Private	13. Ground Level Elevation 5622	
14. Multiple N	15. Proposed Depth 2307	16. Formation Fruitland Coal	17. Contractor	18. Spud Date	
Depth to Ground	water	Distance from nearest fresh	water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume:	bbls Drilling Method: Fresh Water   Brine	Diesel/Oil-based Gas/Air	

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	2307	309	0

#### Casing/Cement Program: Additional Comments

This is a Type 2 as indicated in the BR/COPC Master Drilling Plan. Cement volumes are indicated in cubic feet instead of sacks of cement. The C144 will be submitted after the APD is approved.

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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Charlie Perrin				
Printed Name: Electronically filed by Tracey N Monroe	Title: District Supervisor				
Title: Staff Regulatory Technician	Approved Date: 2/5/2010 Expiration Date: 2/5/2012				
Email Address: monrotn@conocophillips.com					
Date: 1/19/2010 Phone: 505-326-9752	Conditions of Approval Attached				

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

### State of New Mexico

Form C-102 Permit 108191

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

			The same of		
API Number	2. Pool Code	2. Pool Code 3. Pool N			
30-045-35092	71629	ND COAL (GAS)			
4. Property Code	5. Property Name		6. Well No.		
7104	HAYN	HAYNIE			
7. OGRID No.	8. Operato	9. Elevation			
14538	BURLINGTON RESOURCES	OIL & GAS COMPANY LP	5622		

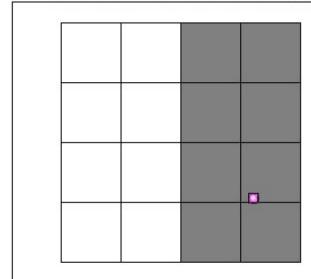
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	4	30N	11W	1,	1423	S	1067	E	SAN JUAN

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

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
V. 1.21.1.21.1.21.21.21.21.21.21.21.21.21.2	cated Acres	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: Tracey N Monroe Title: Staff Regulatory Technician

Date: 1/19/2010

#### 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: 5/6/2009 Certificate Number: 10201

## **Permit Comments**

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP, 14538

Well: HAYNIE #100S API: 30-045-35092

Created By	Comment	Comment Date		
KSHARP	replaces APD cancelled 8-14-06	2/5/2010		

Permit Conditions of Approval
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP, 14538

HAYNIE #100S Well: API: 30-045-35092

OCD Reviewer	Condition
SHAYDEN	A complete C-144 must be submitted to, and approved by, the NM OCD for: a pit, closed loop system, below grade tank, or proposed alternative method, pursuant to NMOCD part 16.15.17, prior to the use or construction of the above applications.