#### State of New Mexico

Form C-101 Permit 115021

### **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

	Name and Address ES OIL & GAS COMPANY LP	2. OGRID Number 14538	
	OTH STREET FON , NM 87402	3. API Number 30-045-35166	
4. Property Code 7013	5. Property Name FEE	6. Wett No. 100S	

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	8	30N	11W	C	870	N	1700	W	SAN JUAN

#### 8. Pool Information

BASIN FRUITLAND COAL (GAS) 71629

#### Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 5710
14. Multiple N	15. Proposed Depth 2339	16. Formation Fruitland Coal	17. Contractor	18. Spud Date
Depth to Ground	water	Distance from nearest fresh v	vater well	Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume:	bbls Dritting 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	2339	314	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
DoubleRam	2000	2000	Schafer

of my knowledge and belief.	mation given above is true and complete to the best rilling pit will be constructed according to	OIL CONSERVATION DIVISION				
	general permit , or an (attached) alternative	Approved By: Charlie Perrin				
Printed Name: Electron	ically filed by Patsy Clugston	Title: District Supervisor				
Title: Senior Regulatory	y Specialist	Approved Date: 6/8/2010	Expiration Date: 6/8/2012			
Email Address: patsy.1	.clugston@conocophillips.com					
Date: 6/4/2010	Phone: 505-326-9518	Conditions of Approval Attached				

District I

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

District L

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 115021

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

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool	Section .
30-045-35166	71629	BASIN FRUITLA	
4. Property Code	5. Propert	6. Well No.	
7013	FEI	100S	
7. OGRID No. 14538	8. Operato BURLINGTON RESOURCES		9. Elevation 5710

#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	8	30N	11W		870	N	1700	W	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
	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

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#### 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: Patsy Clugston Title: Senior Regulatory Specialist

Date: 6/4/2010

#### 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: Glen Russell Date of Survey: 2/4/2009 Certificate Number: 15703

## **Permit Comments**

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP, 14538

Well: FEE #100S API: 30-045-35166

Created By	Comment	Comment Date
SHAYDEN	Called 6/7/2010 and notified operator that they will have to set 120' surface casing per NM OCD District 3 casing procedures.	6/7/2010

Permit Conditions of Approval

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP, 14538

FEE #100S Well: API: 30-045-35166

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.