

**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 <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b> 3401 E. 30TH STREET FARMINGTON, NM 87402		2. OGRID Number 14538
		3. API Number 30-045-35212
4. Property Code 18574	5. Property Name MANGUM SRC	6. Well No. 100

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	29	29N	11W	A	970	N	797	E	SAN JUAN

**8. Pool Information**

BASIN FRUITLAND COAL (GAS)	71629
FULCHER KUTZ PICTURED CLIFFS (GAS)	77200

**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 5403
14. Multiple Y	15. Proposed Depth 1724	16. Formation Pictured Cliffs Formation	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick      Clay <input type="checkbox"/> Pit Volume:      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	200	77	0
Prod	6.25	4.5	10.5	1724	200	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 and DHC (if applicable) will be submitted as soon as possible.

**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 NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Charlie Perrin	
Printed Name: Electronically filed by Patsy Clugston	Title: District Supervisor	
Title: Senior Regulatory Specialist	Approved Date: 5/25/2011	Expiration Date: 5/25/2013
Email Address: patsy.l.clugston@conocophillips.com		
Date: 5/20/2011	Phone: 505-326-9518	Conditions of Approval Attached

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised July 10, 2010

DISTRICT II  
1301 W. Grand Avenue, Artesia, N.M. 88210

Submit one copy to appropriate  
District Office

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-	<sup>2</sup> Pool Code 71629/77200	<sup>3</sup> Pool Name Fulcher Kutz BASIN FRUITLAND COAL/ PICTURED CLIFFS
<sup>4</sup> Property Code 18574	<sup>5</sup> Property Name MANGUM SRC	<sup>6</sup> Well Number 100
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 5403'

<sup>10</sup> Surface Location

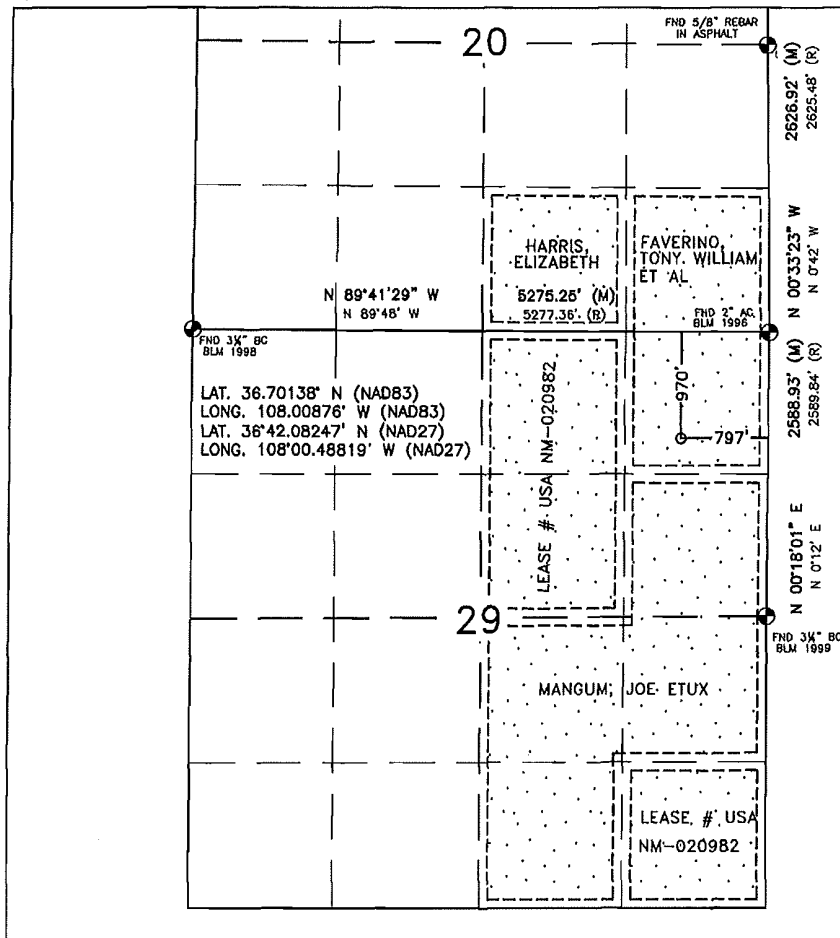
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A									
<sup>12</sup> Dedicated Acres FC-320 ACRES E/2 PC-160 ACRES N/2NE/4 SEC.29 S/2SE/4 SEC.20					<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. R-665

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

16



<sup>17</sup> 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 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.

*Brandie Blakley*  
Signature Date

Brandie Blakley 3/15/11  
Printed Name

E-mail Address

<sup>18</sup> 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.

JANUARY 22, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

*David Russell*  
DAVID RUSSELL  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR  
10201

Certificate Number 10201

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1625 N. French Dr., Hobbs, N.M. 88240

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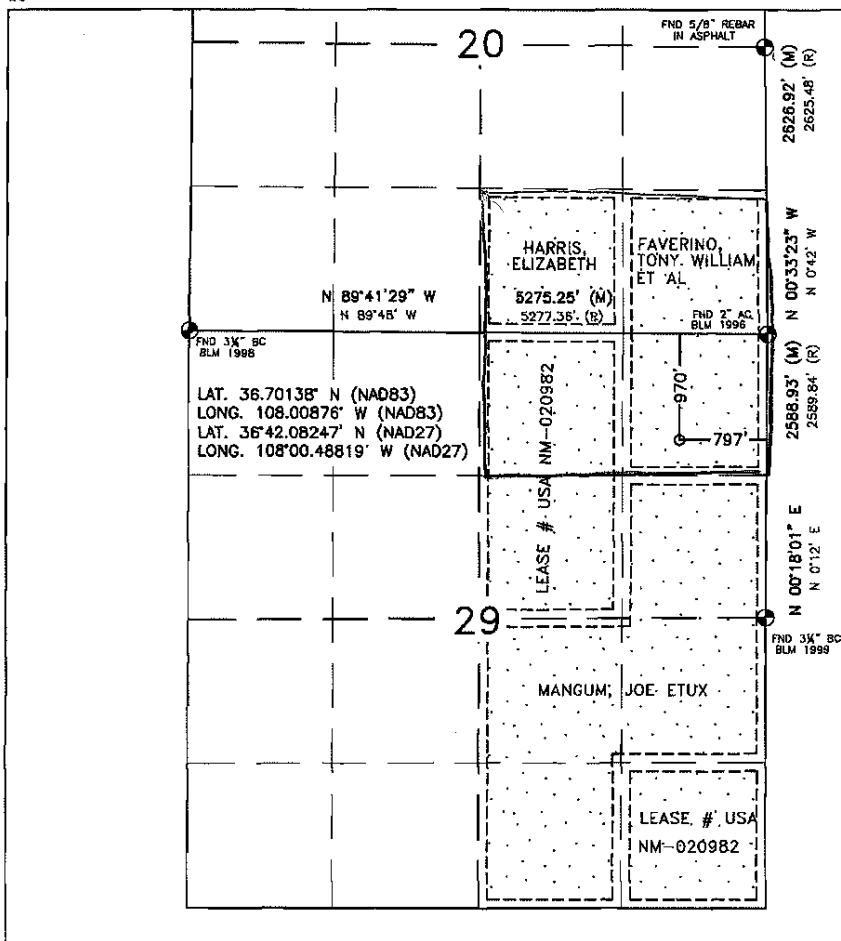
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Signature: Brandie Blakley  
Date: 3/15/11  
Printed Name: Brandie Blakley

E-mail Address

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JANUARY 22, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

Signature: David Russell  
Seal: DAVID RUSSELL, NEW MEXICO, 10201, REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate Number: 10201

## Permit Comments

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: MANGUM SRC #100

API: 30-045-35212

Created By	Comment	Comment Date
CPerrin	FATAL: Bottom Hole 2: Selected spacing unit overlaps an existing spacing unit	1/5/2011
CPerrin	Please resolve overlap and resubmit.	1/5/2011
CPerrin	FATAL: Bottom Hole 2: Selected spacing unit overlaps an existing spacing unit	5/20/2011

## Permit Conditions of Approval

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: MANGUM SRC #100

API: 30-045-35212

OCD Reviewer	Condition
CPerrin	Must have a C-144 approved before pit construction begins