

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Co  
P.O. Box 1980  
Hobbs, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BURLINGTON RESOURCES OIL AND GAS COMPANY

3a. Address

P. O. Box 51810, Midland, TX 79710-1810

3b. Phone No. (include area code)

915-688-6906

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

K, 1830' FSL & 1980' FWL,  
SEC. 4, T25S, R34E

5. Lease Serial No.

NM 16139

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Pitchfork "4" Federal #2

9. API Well No.

30-025-30331

10. Field and Pool, or Exploratory Area

Undesignated Fairview Mills  
Wolfcamp Gas &  
Wildcat Strawn Gas

11. County or Parish, State

Lea Co., NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Sidetrack/Directional
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	& Downhole Commingle
				amend field names

13. Described Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat' horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This sundry is to correct the field names on Notice of Intent Sundry previously submitted dated 1-5-98 to sidetrack a directional hole from the existing vertical well. As per Mike Stogner with the OCD in Santa Fe, the field names have been changed to the Undesignated Fairview Mills Wolfcamp Gas Field and a Wildcat Strawn Gas Pool. We will be setting a cmt retainer @12,850' & squeezing perfs 13,956'-13,964' and 4-1/2" Liner with 100 sxs H cmt on vertical section of hole prior to sidetracking.

Also correct field names on Notice of Intent Sundry previously submitted dated 12-11-97 to downhole commingle.

The fields previously submitted were the Pitchfork Ranch Wolfcamp and Pitchfork Ranch Strawn, which are incorrect.

**SUBJECT TO  
LIKE APPROVAL  
BY STATE**

All of the attachments previously submitted with these sundries remain the same.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed) Maria L. Perez

Title Regulatory Representative

Signature

Date 1-13-98

Approved by

(ORIG. SGD.) LES BABYAK

Title

PETROLEUM ENGINEER FEB 05 1998

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

(Instructions on reverse)

JOHN F. LEONARD  
ROOSEVELT OFFICE

1999 JAN 15 A 10: 14

RECEIVED

District I

Energy, Minerals &amp; Natural Resources Department

Revised October 18, 1994

PO Box 1980, Hobbs, NM 88241-1980

Instructions on back

District II

## OIL CONSERVATION DIVISION

Submit to Appropriate District Office

811 S. 1st Street, Artesia, NM 88210-2834

2040 South Pacheco

State Lease - 4 Copies

District III

Santa Fe, NM 87505

Fee Lease - 3 Copies

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

☐ AMENDED REPORT

2040 South Pacheco, Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-03331		<sup>2</sup> Pool Code NEW		<sup>3</sup> Pool Name WILDCAT STRAWN GAS	
<sup>4</sup> Property Code 014332		<sup>5</sup> Property Name PITCHFORK "4" FEDERAL			<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 26485		<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			<sup>9</sup> Elevation 3361'

<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
K	4	25S	34E		1830'	SOUTH	1980'	WEST	Lea

<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
K	4	25S	34E		2206'	SOUTH	2052'	WEST	Lea
<sup>12</sup> Dedicated Acres 320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

Robert E. Landreth Oil & Gas Exploration 320 ACRE HORIZONTAL PROJECT AREA BOUNDARY W/PRODUCING WINDOW MINIMUM SETBACK DISTANCE BY FIELD RULES (660' Side Boundary & 1650' End Boundary), SWR 111 SL: SURFACE LOCATION PKOP: PROPOSED KICKOFF POINT PTL: PROPOSED TERMINUS LOCATION		4 <b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature MARIA L. PEREZ Printed Name REGULATORY REPRESENTATIVE Title 1/13/98 Date
Burlington Resources Oil & Gas Co. 2052' 1980' 2052' 1650' Setback 1717' 1830' 2206' 660' Setback 1650' Setback 660' Setback PTL #2 PKOP PROPOSED UNORTHODOX BOTTOM HOLE LOCATION		<b>18 SURVEYOR CERTIFICATION</b> 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. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-10  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-03331		2 Pool Code 76560		3 Pool Name UNDESIGNATED FAIRVIEW MILLS WOLFCAMP GAS	
4 Property Code 014332		5 Property Name PITCHFORK "4" FEDERAL			6 Well Number 2
7 OGRID No. 26485		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 3361'

10 Surface Location									
UL or lot no. K	Section 4	Township 25S	Range 34E	Lot. Idn	Feet from the 1830'	North/South Line SOUTH	Feet from the 1980'	East/West line WEST	County Lea

11 Bottom Hole Location If Different From Surface									
UL or lot no. K	Section 4	Township 25S	Range 34E	Lot. Idn	Feet from the 2206'	North/South Line SOUTH	Feet from the 2052'	East/West line WEST	County Lea
12 Dedicated Acres 320		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>Robert E. Landreth Oil &amp; Gas Exploration</p> <p>320 ACRE HORIZONTAL PROJECT AREA BOUNDARY W/PRODUCING WINDOW</p> <p>MINIMUM SETBACK DISTANCE BY FIELD RULES (660' Side Boundary &amp; 1650' End Boundary), SWR 111</p> <p>SL: SURFACE LOCATION PKOP: PROPOSED KICKOFF POINT PTL: PROPOSED TERMINUS LOCATION</p> <p>Burlington Resources Oil &amp; Gas Co.</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Maria L. Perez</i></p> <p>Signature MARIA L. PEREZ Printed Name REGULATORY REPRESENTATIVE Title 1/13/98 Date</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey Signature and Seal of Professional Surveyer: Certificate Number</p>
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DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-A  
New 3-12-96

DISTRICT II  
811 S. First St. Artesia, NM 88210-2835

OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 875054-6429

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410-1693

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

BURLINGTON RESOURCES OIL & GAS COMPANY

P.O. BOX 51810 MIDLAND, TX 79710-1810

Operator

Address

PITCHFORK "4" FEDERAL

2

K,

SEC. 4,

T25S,

R34E

LEA

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO 26485

Property Code 014332

API NO 30-025-30331

Spacing Unit Lease Types: (check 1 or more)

Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	UNDESIGNATED FAIRVIEW MILLS WOLFCAMP GAS 76560		WILDCAT STRAWN NEW
2. Top and Bottom of Pay Section (Perforations)	13,470' - 13,525'		13,675' - 13,806
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current)  b. (Original) EST. 7035 PSI	a.  b.	a.  b. EST. 9350 PSI
6. Oil Gravity (°API) or Gas BTU Content)	EST. 1083		EST. 1059
7. Producing or Shut-In?	TO BE COMPLETED		TO BE COMPLETED
Production Marginal? (yes or no)			
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: ATTACHMENTS Rates: PREVIOUSLY SUBMITTED	Date: Rates:	Date: ATTACHMENTS Rates: PREVIOUSLY SUBMITTED
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 0% Gas: 65%	Oil: % Gas: %	Oil: 0% Gas: 35%

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No  
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).

16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Maria L. Perez TITLE REGULATORY REP. DATE 1-13-98

TYPE OR PRINT NAME MARIA L. PEREZ TELEPHONE NO. ( 915 ) 688-6906