

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 22 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

Farmington Field Office

5. Lease Serial No.

SF-080672

6. If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS and Man:**  
**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 page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

**Burlington Resources Oil & Gas Company LP**

3a. Address

**PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code)

**(505) 326-9700**

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

**San Juan 27-4 Unit**

8. Well Name and No.

**San Juan 27-4 Unit 154N**

9. API Well No.

**30-039-30489**

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

**Surface Unit F (SENW), 1545' FNL & 2180' FWL, Sec. 14, T27N. R4W**

**Bottomhole Unit B (NWNE), 709' FNL & 1895' FEL, Sec. 14, T27N. R4W**

11. Country or Parish, State

**Rio Arriba, New Mexico**

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Variance

for COA Height

Restriction.

13. Describe 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources Oil & Gas Company LP requests a variance to the Conditions of Approval in the approved APD. Please see the attached explanation for this request. This request was discussed with District Ranger Anthony Madrid. Since this location is in a low visibility area, he did not have any concerns approving this request. Also attached is a copy of the plat.

RCVD AUG 5 '13  
OIL CONS. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**Kenny Davis**

**Staff Regulatory Technician**

Title

Signature

Date

**7/19/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

**Petr. Eng**

Date

**8/1/13**

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.

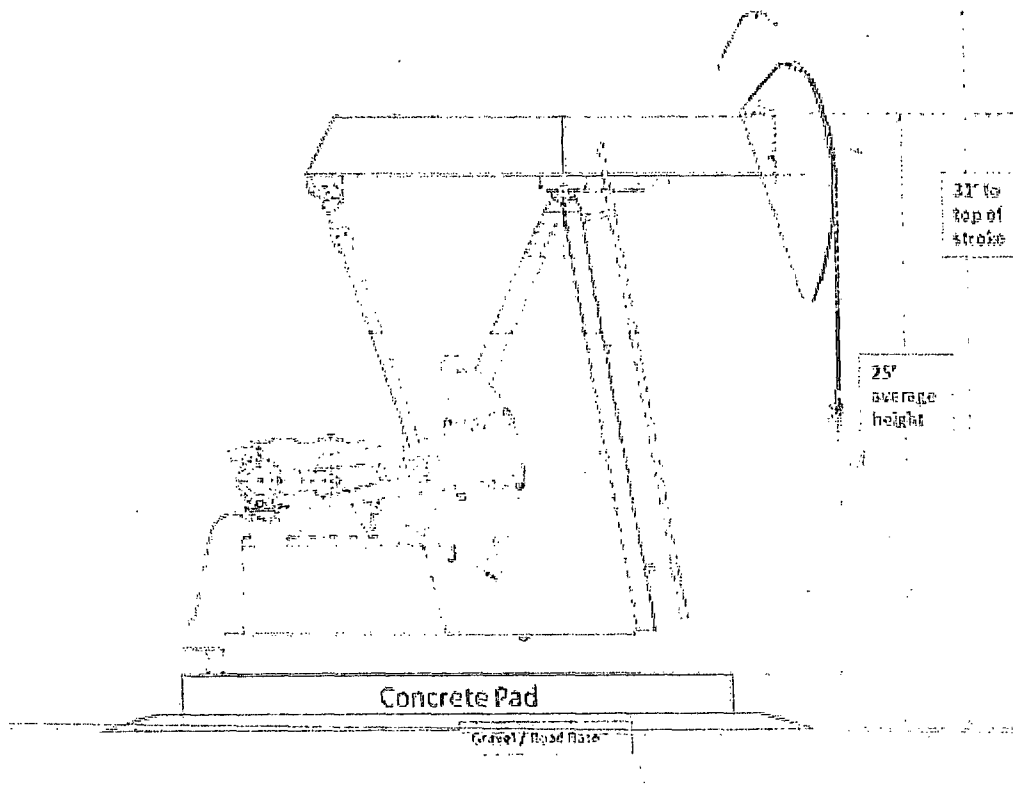
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ConocoPhillips (COPC) is requesting a variance to the Carson National Forest Maricopa Ranger District-Conditions of Approval for Application for Permit to Drill Section 6.1: Low Profile Production Equipment for the San Juan 27-4 Unit #154N. The requested variance is needed to install a standard pumping unit with an average height of 25', and a maximum height of 31' (up-stroke height) that will allow COPC to produce the reserves for this well. Despite its size, the pumping unit will have little visual impact. The 31' tall pumping unit has limited visual exposure along the road, due to terrain and the surrounding 50' tall trees.

The San Juan 27-4 Unit #154N currently has a plunger lift system. However, the well is too deep, deviated, and produces too much fluid for the current system to lift. The well's bottom perforation in the Dakota at 8654'. The deviation adds extra friction and well length that factor into the lift selection. Optimized, this well is capable of producing a projected 50 barrels of fluid per day, but the current system does not have the capability to lift that volume.

During the optimization process, shorter pumping units were considered, including low-rise systems, but none could produce the required 50 barrels of fluid per day from this depth and deviation. A Motive Gas Jet Pump was considered but had lifting limitations. A hydraulic rod lifting system was considered, but also isn't able to lift from this depth and deviation.

Therefore, through analysis and comparison, COPC has come to the conclusion that the San Juan 27-4 Unit #154N would be optimized by installing a standard pumping unit (see the diagram below). COPC would like to reiterate that the proposed pumping unit will have little visual impact due to terrain and the surrounding 50' tall trees.



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

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

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

RECEIVED

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

JUL 22 2013

Farmington Field Office  
Bureau of Land Management  
AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number: <b>30-039-30489</b>	<sup>2</sup> Pool Code: <b>72319/71599</b>	<sup>3</sup> Pool Name: <b>BLANCO MESAVERDE/BASIN DAKOTA</b>
<sup>4</sup> Property Code: <b>7452</b>	<sup>6</sup> Property Name: <b>SAN JUAN 27-4 UNIT</b>	<sup>5</sup> Well Number: <b>154N</b>
<sup>7</sup> GRID No. <b>14538</b>	<sup>8</sup> Operator Name: <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b>	<sup>9</sup> Elevation: <b>7131'</b>

<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
F	14	27-N	4-W		1545'	NORTH	2180'	WEST	RIO ARriba

<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
B	14	27-N	4-W		709'	NORTH	1895'	EAST	RIO ARriba

<sup>12</sup> Dedicated Acres  
DK 320.0 ACRE E/2  
MV 320.0 ACRE E/2

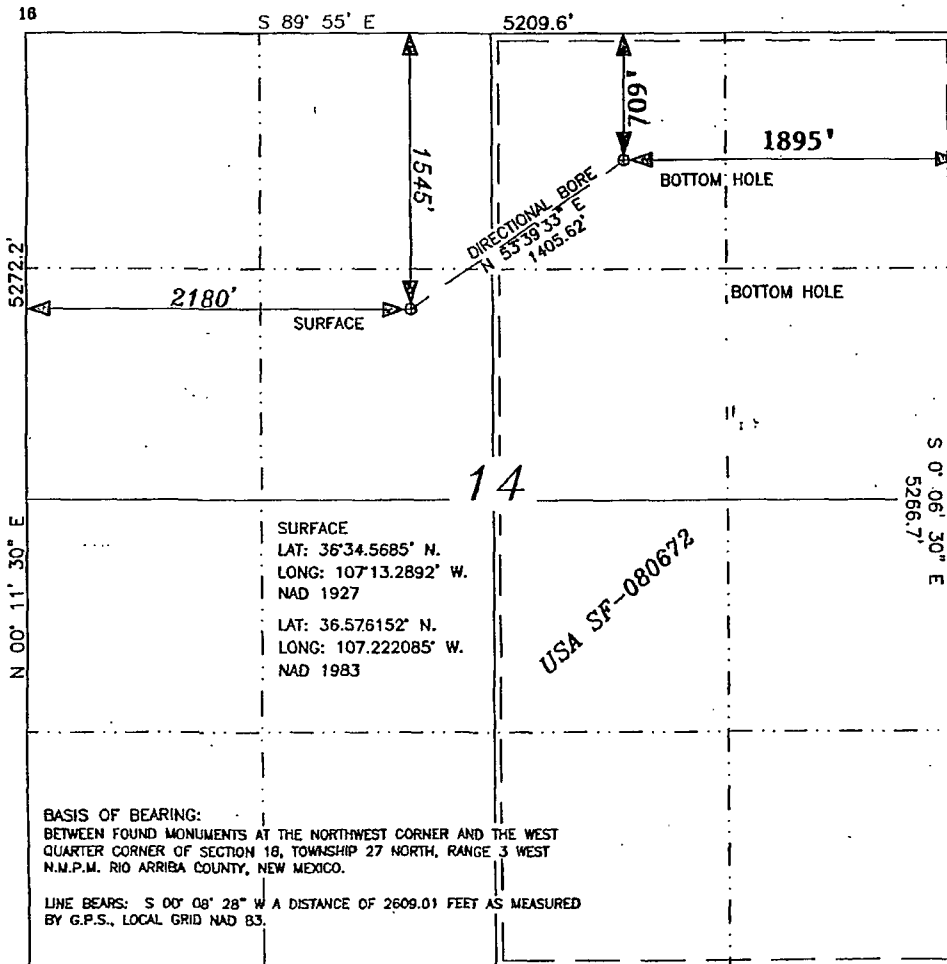
<sup>13</sup> Joint or Infill

<sup>14</sup> Consolidation Code

<sup>15</sup> Order No.

RCVD OCT 18 '10  
OIL CONS. DIV.

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 DIST. 3



17 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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Crystal Tafoya* 10/15/10  
Signature  
Crystal Tafoya 10/15/10  
Printed Name

18 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.

MAY 6, 2010  
Date of Survey

Signature and Seal of



GLEN W. RUSSELL  
Certificate Number 15703