

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

5. Lease Serial No.
NMSF078566A

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
HOWELL 4A

2. Name of Operator
BURLINGTON RESOURCES O&G CO LP

Contact: PEGGY COLE
E-Mail: pcole@br-inc.com

9. API Well No.
30-045-26470-00-S1

3a. Address
3401 EAST 30TH
FARMINGTON, NM 87499

3b. Phone No. (include area code)
Ph: 505.326.9727
Fx: 505.326.9781

10. Field and Pool, or Exploratory
BLANCO MESAVERDE
OTERO CHACRA

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

Sec 27 T28N R8W NWSE 1690FSL 1780FEL
36.62959 N Lat, 107.66472 W Lon

11. County or Parish, and State
SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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.)

5-13-03 MIRU. ND WH. NU BOP. TIH, tag up. TOO H w/175 jts 2 3/8" tbg. SDON.
5-14-03 TIH w/4 1/2" CIBP, set @ 4310'. Load hole w/140 bbl 2% KCl wtr. TOO H. TIH w/pkr, set @ 30'. PT csg & CIBP to 3000 psi, OK. TOO H w/pkr. TIH, pump 600 gal 15% HCl @ 3336-4187'. TOO H. TIH, perf Chacra w/1 SPF @ 3336, 3404, 3476, 3523, 3624, 3651, 3654, 3657, 3685, 3767, 3772, 3785, 3795, 3805, 3832, 3836, 3905, 3918, 3965, 3977, 4031, 4038, 4094, 4123, 4181, 4187' w/26 0.33" diameter holes total. TOO H. SDON.
5-15-03 Frac Chacra w/658 bbl 20# linear gel, 1,402,500 SCF N2, 200,000# 20/40 Brady sd. CO after frac.
5-16-03 Blow well & CO. TOO H. TIH w/3 7/8" mill to 4245'. Establish circ. Circ hole clean. Mill out CIBP @ 4310'. TIH, circ hole clean to PBTD @ 5388'. TOO H w/mill.
5-17-03 Blow well & CO. SD for Sunday
5-19-03 Blow well & CO. TIH w/175 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 5322'. (SN @ 5300'). ND

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

Electronic Submission #22616 verified by the BLM Well Information System
For BURLINGTON RESOURCES O&G CO LP, sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 06/05/2003 (03MXH0445SE)

Name (Printed/Typed) PEGGY COLE

Title REGULATORY ADMINISTRATOR

Signature (Electronic Submission)

Date 06/02/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	MATTHEW HALBERT Title PETROLEUM ENGINEER	Date 06/05/2003
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 Farmington

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.

Additional data for EC transaction #22616 that would not fit on the form

32. Additional remarks, continued

BOP. NU WH. RD. Rig released.

Well will produce as a Chacra/Mesaverde commingle under DHC-1066az.