

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

5. Lease Serial No.

Contract 458

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

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

8. Well Name and No.

Jicarilla 458-05 #22

9. API Well No.

30-039-29314

10. Field and Pool, or Exploratory Area

WC Basin Mancos

AND

Rio Arriba County, New Mexico

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Black Hills Gas Resources, Inc. c/o Mike Pippin LLC (Agent)

3a. Address

3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)

505-327-4573

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

2230' FNL & 2175' FWL Unit F

Sec. 5 T30N R3W

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Deepen
	<input checked="" type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Mancos Completion

13. Describe Proposed or Completed Operations (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 recompleat 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.)

7/21/06 MIRUSU. Perf middle Mancos @ 8008'-10' w/2 spf, 7928'-32' w/1 spf, 7850'-52' w/2 spf, 7778'-80' w/2 spf, 7716'-20' w/1 spf, Total 20 holes. BD perfs individually w/total of 750 gal 7-1/2% HCL. Swab test. Land 2-3/8" tbg @ 3519'. Released rig 8/2/06.

MIRUSU 8/9/06: TOH w/2-3/8" tbg. Frac middle Mancos w/79,329# tempered LC sand in 65Q CO2 in X-linked foam. CO after frac & test. Set RBP @ 7643'. Perf upper Mancos on 8-17-06 @ 7626'-30' w/1 spf, 7560'-70' w/1 s/2f, 7500'-02' w/2 spf, 7473'-75' w/2 spf, 7442'-44' w/2 spf, 7355'-57' w/2 spf. Total 21 holes. BD perfs individually w/total 1500 gal 7-1/2% HCL acid. Fraced upper Mancos w/100,000# tempered LC in CO2 foam. Retrieved RBP @ 7643' & TOH. Landed 2-3/8" 4.7# J-55 tbg @ 7255'. Test Mancos on 9/1/06 for 5 hours on 1/2" choke @ 150 psi for 1032 MCF/D & 0 fluid. Released rig 9/1/06.

Permit

Name (Printed/Typed)

Mike Pippin

Title

Petroleum Engineer (Agent)

Signature

*Mike Pippin*

Date

September 7, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

2006

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 these 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 statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

ACCEPTED FOR RECORD

SEP 11 2006

OPERATOR

FARMINGTON FIELD OFFICE

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