

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.

Jicarilla Contract 459

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

7. If Unit or CA/Agreement, Name and/or N

**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

3b. Phone No. (include area code)

3104 N. Sullivan, Farmington, NM 87401

505-327-4573

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

1795' FNL & 425' FEL (SE/NE) Unit H  
Sec. 17, T30N, R3W

8. Well Name and No.

Jicarilla 459-17 #24

9. API Well No.

30-039-29324

10. Field and Pool, or Exploratory Area

E. Blanco PC & Basin FRTC  
& Gabresto Canyon Tertiary

11. County or Parish, State

Rio Arriba County, New Mexico

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 checked="" 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 checked="" 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 checked="" 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 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 recomplate 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 is part of the Permit Clean-up program for Black Hills"**

6/6/05 MIRUSU. Tag PBTD @ 3848'. Ran CBL & CNL logs. TOC @ Surface. Pressure test csg to 2000 psi - OK. Perf PC 3784'-92', 3735'-55' w/4 - 0.44" SPF. Total 112 holes. Breakdown each set of perfs w/acid. Fraced PC w/65.760# sand in 65Q foam. Tested PC on 1/2" choke. Stabilized @ 20# for 2 hrs for 219 MCF/D. Set RBP @ 3725'. Perf FRTC @ 3694'-98, 3685'-87', 3678'-80', 3668'-70'. Total 40 holes. Treated FRTC perfs w/400 gal. Formic acid & N2. Tested FRTC for 12 hrs on 1" orifice plate for 175 MCF/D. Retrieve RBP @ 3725' & TOH. Set arrowset PKR @ 3401' with 2-3/8" tail pipe to 3795'.

Perf Tertiary @ 3206'-10', 3200'-02', 3194'-98', 3186'-90', 3178'-80' w/4 - 0.44" SPF. Total 64 holes. Broke down each perf set w/100 gal. acid. Fraced Tertiary w/93.260# sand in 70Q foam. Clean out after frac & tested Tertiary perfs. Squeeze Tertiary perfs w/93 sacks (67 cf) cmt. Re-squeeze w/75 sacks (103 cf) cmt. Re-squeeze w/190 sacks (138 cf) cmt. Drill out & pressure test SQ holes - OK. Set RBP @ 2401'.

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

Name (Printed/Typed)

Mike Pippin

Title

Petr. Engr. (Agent)

Signature

Date

June 22, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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 statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

JUN 23 2006

NMOCD

FARMINGTON FIELD OFFICE