

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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 **Black Hills Gas Resources, Inc.**

3a. Address
350 Indiana Street, Suite 400, Golden, CO 80401

3b. Phone No. (include area code)
720-210-1338

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

**NW/NW Sec. 11, 29N-03W, Unit D
450' FNL & 860' FWL**

5. Lease Serial No.

MDA 701980013

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Nation

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

8. Well Name and No

Jicarilla 29-03-11 #3

9. API Well No.

30-039-27847

10. Field and Pool, or Exploratory Area

Basin; FC & Cabresto Canyon; Ter

11. County or Parish, State

Rio Arriba 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 must 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 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.)

Black Hills Gas Resources, Inc. intends to plug and abandoned the above referenced well per the attached plugging procedures.



2006 MAY 11 AM 5 22
RECEIVED
OTO FARMINGTON NM

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

Julie Stifflear

Title **Engineering Production Tech**

Signature

Date

MAY 1 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 15 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 those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

NMOCD

Black Hills Gas Resources

P&A Procedure

For the

JICARILLA 29-03-11 #3

API # 30-039-27847

NW NW Sec 11, T29N – R03W

Rio Arriba County, New Mexico

GL: 7130', KB: 7143', PBTD: 3770'

Surface casing:

8-5/8", 24 lb/ft, Casing @ 280', TOC = surf

Production casing:

5 1/2" 15.5 lb/ft, Casing @ 3793', TOC = surf

Current prod tubing:

2 3/8" 4.7 lb/ft, J-55 @ 3550' w/packer

Current pump/ rods:

N/A

Current Perforated Zones:

Upper San Jose 1200-1261'

Middle San Jose 1704-1720' SQ

Lower San Jose 1753-1760'

Upper Nacimiento 2047-2174'

Lower Nacimiento 3116-3208' SQ

Upper Ojo Alamo 3253-3412' SQ

Middle Ojo Alamo 3301-3362' SQ

**Lower Ojo Alamo 3392-3412' Cement from the Middle OA
communicated into the Lower OA.**

Fruitland Coal 3604-3608'

3634-3642'

Proposed Work: P&A

1. Notify BLM, State and Tribal agencies of the intent to P & A this well.
2. MIRU completion rig. ND WH, NU BOP.
3. Pull 2 3/8" production tubing and packer. Lay down tubing and have it sent to Tuboscope for inspection.
4. TIH with workstring and retainer to 3575'. Set retainer. Pump 9 sx Type V cement (12 cu ft) through the retainer.
5. Sting out of the retainer and dump ~~4 sx of~~ ^{3487'} cement on top of the retainer. TOOH.
6. TIH with workstring and retainer to 3075'. Set retainer. Pump 34 sx Type V cement (45 cu ft) through the retainer.
7. Sting out of the retainer and dump 4 sx of cement on top of the retainer.

8. Pull up to 2015' and pump a balanced cement plug 12 sx Type V cement (15.8 cu ft)from 2015 to 1900' to cover the top of the Nacimiento. TOOH.
9. TIH with workstring and retainer to 1150'. Set retainer. Pump 62 sx Type V cement (82 cu ft) through the retainer.
10. Sting out of the retainer and dump 4 sx of cement on top of the retainer.
11. Pull up to 330'. Pump Type V cement + 2% CaCl₂ from 330' to surface (approx 34 sx or 44 cu ft). Top off as needed.
12. Remove all surface equipment and prepare the location surface for reclamation.

The cement to be used will be Type III or Type V, depending on the service company availability.

Cement Yields:

Type III @ 14.5 ppg = 1.39 cu ft/sx

Type V @ 14.8 = 1.32 cu ft/sx

Initiated by:

Loren Diede 3-16-06

Approved by:

J.T. Albi

First call for services will be:

Logging/Perforating:	open	
Cement/Acid/Frac:	Key PPS	325-4192
Tools:	open	
Trucking:	L & G	793-7465

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 5/4/06 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.