

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Contract 451
2. Name of Operator Black Hills Gas Resources, Inc.		6. If Indian, Allottee, or Tribe Name Jicarilla Apache Tribe
3a. Address P.O. Box 249 Bloomfield, NM 87413	3b. Phone No. (include area code) 505-634-1111	7. If Unit or C.A. Agreement Name and/or No. Jicarilla 451-03 SJ #2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3, T29N, R03W 853' FNL & 938' FWL Unit D		8. Well Name and No. Jicarilla 451-03 SJ #2
		9. API Well No. 30-039-26055
		10. Field and Pool, or Exploratory Area Cabresto Canyon, Tertiary
		11. County or Parish, State Rio Arriba, NM


12. CHECK APPROPRIATE BOX(S) 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"/> Altering 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 checked="" type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the 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 Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Black Hills Gas Resources intends to plug back this well as per the attached procedure revision dated 8-08-06. The previously completed Tertiary intervals will be plugged. An additional cement plug will be placed from 950' to 850'.

The Jicarilla Apache Nation Office of Water Administration will be take responsibility for this well and will intend to use it as a water supply well.

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/ Typed) Loren Diede	Title Consultant (Agent)
Signature 	Date 8-15-06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date AUG 18 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.		

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 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)

NWOC

Black Hills Gas Resources

JICARILLA 451-03 SJ #2

API # 30-039-26055

NW NW Sec 03, T29N - R3W

Rio Arriba County, New Mexico

GL: 7168', KB: 7180', PBTD: 2040'
Surface casing: 8-5/8", 24 lb/ft, Casing @ 212', TOC = surf
Production casing: 4 1/2" 11.6 lb/ft, Casing @ 2100', TOC = surf
Current prod tubing: 1.9" tubing @ 1614'
Current pump/ rods: N/A
Current Perforated Zones:

San Jose:

1624-1640'

Proposed Work: Plug back

1. BHGR office is to notify BLM, State and Tribal agencies 24 hrs prior to plugging operations.
2. MIRU completion rig, ND WH, NU BOP.
3. Pick up 1.9" tubing, TIH and tag for fill.
4. Pull up to 1640. Prepare to pump cement.
5. MIRU Cementers. Pump a balanced plug 12.2 cu ft (10.3 sx) Class B + 2% CaCl₂ cement. (1640' to 1500') Pull out of cement to +/- 1100'. WOC.
6. Trip down and tag cement. TOC is to be no lower than 1500'. Top out cement as needed to have the TOC above 1500'.
7. Pull up to 950'. Pump 8.73 cu ft (7.4 sx) Class B cement from 950' to 850'.
8. Pull up to 850' and reverse circulate the hole to clear all cement above 850'. TOOH. Lay down tubing and have sent to yard.
9. RDMO service unit.
10. Remove all surface equipment. The Jicarilla Tribe will be taking over this well for use as a water well. Leave road and location in a clean and usable condition.

The Jicarilla Apache Nation Office of Water Administration will then be responsible for this well.

Cement type used will depend on cement company availability. The following cement yields are to be used:

Type III cement @ 14.5 ppg = 1.39 cu ft/sx
Type V cement @ 14.8 ppg = 1.32 cu ft/sx
Class B cement @ 15.6 ppg = 1.18 cu ft/sx

Initiated by:

Loren Diede

12-15-05

REV 3-23-06

REV 8-08-06

Approved by:

Leslie Lam

Jicarilla 451-03 SJ #2

Current Wellbore Diagram

API #30-039-26055

UNIT D NW NW, Sec 03, T29N, R03W Rio Arriba, NM

SPUD DATE: 1-07-2000

Elev. GL= 7168'

Elev. KB= 7180'

SURF CSG

8 5/8" 24# @ 212'

KB, cmt 130 sx TOC

PROD TBG DETAIL:

48 jts 1.9" tbg	
1.375" SN	1580.64
1 jt 1.9" tbg	
Collar	
EOT	1614.20

San Jose Perfs: 1624-1640. 1-22-2000. 2 jspf. B/D and frac SJ 1-27-2000 w/ N2 foam and 43000 # 12/20 sand and Flexsand. Tested wet w/ only a slight blow of gas. Never produced.

PROD CSG

4 1/2" 11.6# J-55 @

2100' TOC surf

PBTD=2040'

TD=2100' KB

Prepared: 15-Dec-05

Jicarilla 451-03 SJ #2
Plug Back Wellbore Diagram

API #30-039-26055

UNIT D NW NW, Sec 03, T29N, R03W Rio Arriba, NM

SPUD DATE: 1-07-2000

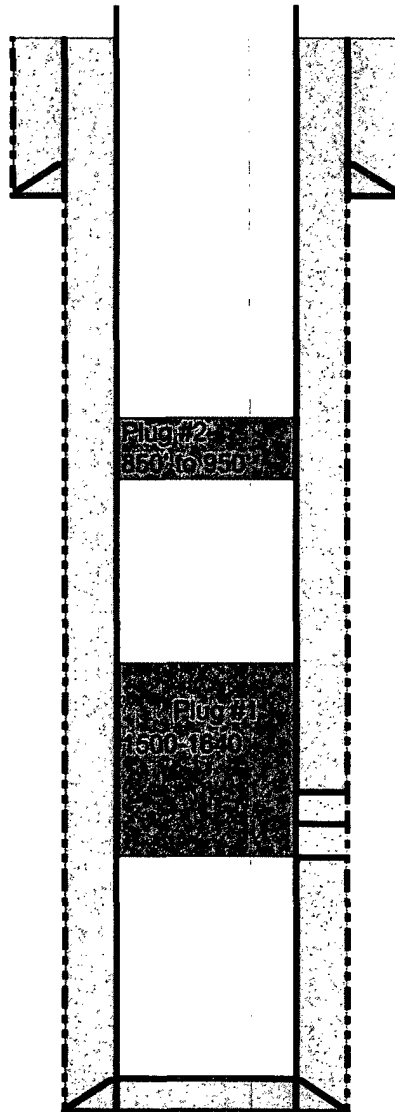
Elev. GL= 7168'

Elev. KB= 7180'

SURF CSG

8 5/8" 24# @ 212'

KB, cmt 130 sx TOC



Plug #2 850' to 950'

San Jose Perfs: 1624-1640. 1-22-2000. 2 jspf. B/D and frac SJ 1-27-2000 w/ N2 foam and 43000 # 12/20 sand and Flexsand. Tested wet w/ only a slight blow of gas. Never produced.

PROD CSG

4 1/2" 11.6# J-55 @

2100' TOC surf

PBTD=2040'

TD=2100' KB

Prepared: 8-Aug-06