

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004**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

PO Box 249 Bloomfield, NM 87413

3b. Phone No. (include area code)

505-634-1111

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

464' FNL & 990' FWL NW NW

Sec. 32, T30N, R03W

5. Lease Serial No.

Jicarilla Contract 464

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 464 #2

9. API Well No.

30-039-24258

10. Field and Pool, or Exploratory Area

E. Blanco PC, Cab. Cny Ter. Bas FC

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other _____

3 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 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.)

Black Hills Gas Resources, Inc. intends to plug and abandon the above referenced well per attached procedure.

RECEIVED
OIL CONSERVATION DIV.
NOV 8 10 1 28

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

Name (Printed/Typed)

Agatha Snell

Title Administrative Technician

Signature

Date 10/31/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Original Signed: Stephen Mason

Name
(Printed/Typed)

Title

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

Date NOV 1 6 2005

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.

(Continued on next page)

NMOCD

Black Hills Gas Resources

JICARILLA 464 #2

API # 30-039-24258

NW NW Sec 32, T30N - R3W

Rio Arriba County, New Mexico

GL: 7126', KB: 7138', PBTD: 4035' ORIG
Surface casing: 7-5/8", 26.4 lb/ft, Casing @ 143', TOC = surf
Production casing: 4 1/2" 11.6 lb/ft, Casing @ 4097', TOC = 1546'
Current prod tubing: N/A
Current pump/ rods: N/A
Current Perforated Zones: (See attached WB Dia)
San Jose: 2014-2060'
Nacimiento: 2572-2652'
Ojo Alamo: 3236-3278'
Fruitland Coal: 3670-3705' (milled window OH)
Pictured Cliffs: 3736-4001'

Formation Tops:

Nacimiento: 2152'
Ojo Alamo: 3216'
Kirtland: 3442'
Fruitland Coal: 3609'
Pictured Cliffs: 3734'
Lewis: 3832'

Proposed Work: P & A.

1. MIRU completion rig, ND WH, NU BOP.
2. TIH with 2 3/8" workstring drill collars and mill. Mill out the CIBP's at 1964', 2451', 3100' and 3589'. Note: the casing has been milled out from 3670 to 3705', this section of the Fruitland Coal is open hole.
3. Cleanout to top of CIBP @ 3734'. Tag CIBP @ 3734', TOOH.
4. TIH with 2 3/8" workstring to 3734'. Circulate the hole with clean source water, if possible.
5. Pump the first cement plug from 3734' to 3116'. Pump 81 cu ft (59 sx) Type III cement (14.6 ppg, yield= 1.37). Pull up to 2700', reverse circulate to clear tubing. Wait 2 hr.
6. Trip down and tag cement. TOC should be between 2821 and 3116'. If cement is below 3116', top off with enough cement to bring the TOC to above 3116'. WOC and tag cement to confirm TOC.

7. Pull up to 2652'. Pump 100 cuft (73 sx) Type III cement (14.6 ppg, yield = 1.37). Pull up to 1400', reverse circulate to clear tubing. Wait 2 hr.
8. Trip down and tag cement. TOC should be between 1507 and ¹⁸⁶⁸1914'. If cement is below ¹⁸⁶⁸1914', top off with enough cement to bring the TOC to above 1914'. WOC and tag cement to confirm TOC.
9. Pull up to 193'. Pump cement top surface (17 cu ft or 12.5 sx). Type III cement (14.6 ppg, yield = 1.37).

10.

Initiated by:

Loren Diede

9-29-05

Approved by:

First call for services will be:

Logging/Perforating:

Basin: 327-5244

Cement/Acid/Frac:

BJ 327-6222

Tools:

open

Trucking:

open

Jicarilla 464 #2
Current WB Diagram
API # 30-039-24258
UNIT D NW NW, Sec 32, T30N, R3W Rio Arriba, NM

GL ELEV 7126'
KB ELEV 7138'
SPUD DATE 10/22/1987

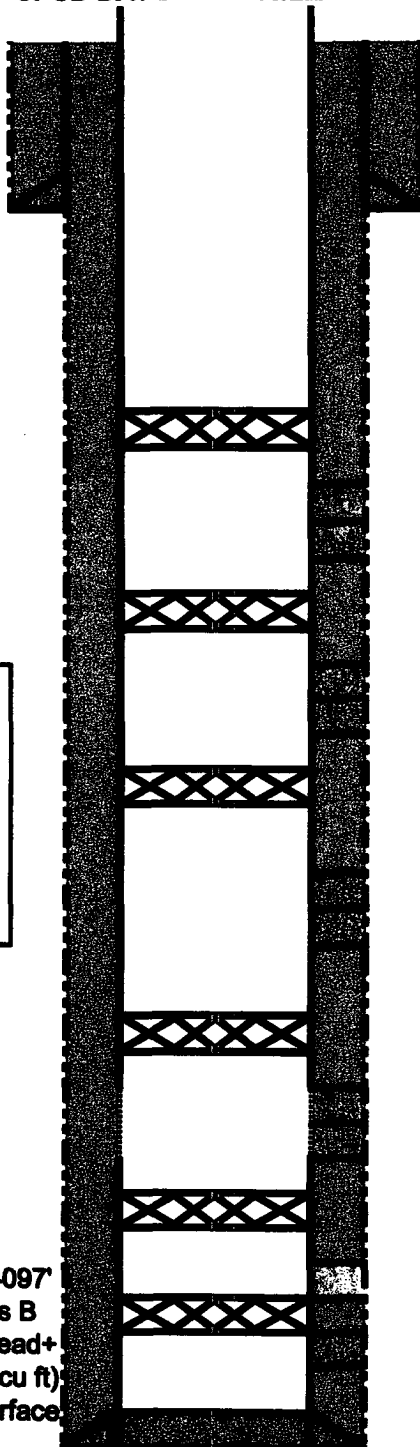
Prepared: 25-Jan-05
J.T. Albi
rev 5-18-05 LD

SURF CSG
 7 5/8" 26.4# @ 143',
 cmt 60sx

PROD TBG
 2 3/8" @ 1998'

Formation Tops:	
NAC	2152'
OA	3216'
Krt	3442'
FC	3609'
PC	3734'
Lewis	3832'

PROD CSG
 4 1/2" 11.6#, J-55 @4097'
 MD cmt; 250 sx Class B
 w/ 2% SM(515 cu ft) lead+
 125sx 50/50 poz(158 cu ft)
 tail. Circ cement to surface



T/A CIBP @1964', 5-31-02 15
gal + 1sx barite on plug

SJ perfs 2014-28, 2033-37, 2044-60 @
2spf

CIBP @ 2451'

Nac perfs 2572-86, 2640-44, 2650-52,

CIBP @ 3100'

OA perfs 3236-44, 3250-52, 3256-65,
3270'-78 @4spf Fraced 10-31-97,

CIBP @3589', 10-28-97

FC Open Hole 3670-3705, Milled Csg. Cavitated 5-9-
97 to 5-16-97 good coal returns.

CIBP @3734'

PC perfs; 3736-48, 3752-65, 3774-81, 3821-3830' @2spf
Fraced 150,000 gals 70 Q & 200,000# 20-40 Fraced 4-
18-88 3977-84, 3988-96, 3998-4001, 4010-14, @2spf,
Fraced w/37,500 gals 70 Q w/50000 # 20-40 sand.
Fraced 11-20-87 DRILLABLE PLUG @ 3830'
BETWEEN PC's

PBTD=4035'
TD=4100'

GL ELEV 7126'
KB ELEV 7138'
SPUD DATE 10/22/1987

SURF CSG
7 5/8" 26.4# @ 143',
cmt 60sx

PBTD=4035'
TD=4100'

PROD CSG
4 1/2" 11.6#, J-55 @4097'
MD cmt; 250 sx Class B
w/ 2% SM(515 cu ft) lead+
125sx 50/50 poz(158 cu ft)
tail.Circ cement to surf.

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 9/19 / 2005 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.