

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 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
P.O. 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)
**990' FSL & 520' FEL, Unit P
Sec 10, T 30N, R 3 W**

5. Lease Serial No.
Contract 457
6. If Unit or CA. Agreement Name and/or No.
Jicarilla Apache Tribe

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

8. Well Name and No.
Jicarilla 457-10 #44

9. API Well No.
30-039-29321

10. Field and Pool, or Exploratory Area
East Blanco, PC, Cabresto Can Tert

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 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 checked="" 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 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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will 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 has plugged and abandoned this well as per the attached report dated May 9, 2007.

RCVD JUN14'07
OIL CONS. DIV.
DIST. 3

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

Name (Printed/ Typed)

Loren Diede

Title

Consultant (Agent)

Signature

Date

18-May-07

THIS SPACE FOR FEDERAL OR STATE OFFICE 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.

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)

ACCEPTED FOR RECORD
JUN 13 2007

NMOCD

FARMINGTON FIELD OFFICE

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Black Hills Gas Resources, Inc.
Jicarilla 457-10 #44

May 9, 2007
Page 1 of 1

990' FSL & 520' FEL, Section 10, T-30-N, R-3-W
Rio Arriba County, NM
Lease Number: Contract 457
API #30-039-29321

Plug and Abandonment Report

Notified JAT - BLM & NMOCD on 5/4/07

Work Summary:

- 5/4/07** MOL and RU. Check pressures: tubing and bradenhead, 0 PSI; casing, 10 PSI. Blow down well to pit. Load tubing with 3 bbls of water. Pressure test tubing to 1000 PSI, held OK. Bradenhead shows cement at surface. LD polish rod. TOH and LD 153 – ¾" rods and 2" pump. ND wellhead. NU BOP, test. TOH with 122 joints 2.375" tubing and 27' mud anchors, 3840'. Shut in well. SDFD.
- 5/7/07** Check pressures: tubing and bradenhead, 0 PSI; casing, 10 PSI. Remove bradenhead valve. Casing head filled with hard cement. Blow well down. RIH with 5.5" gauge ring to 3800'. TIH with 5.5" PlugWell CR and set at 3766'. TIH with tubing and tag CR at 3766'. PU tubing 1' from CR. Load tubing with 40 bbls of water, no circulation out casing valve. Sting into CR. Establish rate 2 bpm at 600 PSI. **Plug #1** with CR at 3766', mix and pump 110 sxs Type III cement (146 cf) squeeze 20 sxs below the CR and leave 90 sxs inside casing above the CR from 3766' up to 2877 to isolate the Pictured Cliffs interval, Fruitland Coal, Kirtland, Ojo Alamo tops and fill the Tertiary (Nacimiento) perforations. Note: established circulation out casing valve during displacement. TOH and LD all tubing. Shut in well. WOC. Cement sample hard. TIH with tubing and tag cement at 2955'. PUH to 2109'. Load hole with 26 bbls total of water. **Plug #2** with 16 sxs Type III cement (22 cf) inside the casing from 2109' up to 1951' to cover the Nacimiento top. TOH with tubing. Shut in well. SDFD.
- 5/8/07** Open well, no pressure. Well on vacuum. TIH and tag cement at 1985'. PUH to 1605'. Load hole with 20-1/2 bbls total of water. **Plug #3** spot 20 sxs Type III cement (27 cf) with 2% CaCl₂ inside the casing from 1605' up to 1408' to cover the Tertiary (San Jose) perforations. PUH with tubing. Procedure change approved by Steve Mason, BLM, to spot inside surface plug. Cement sample hard. TIH and tag cement at 1481'. Load hole with 35 bbls total of water and circulate hole clean. Pressure test casing to 500 PSI, held OK. PUH to 356'. Load hole with 1-1/2 bbls of water. **Plug #4** with 40 sxs Type III cement (53 cf) inside the casing from 356' to surface, circulate good cement out the casing valve. TOH and LD all tubing. ND BOP. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement at the surface in the annulus and down 15' in the casing. Mix 35 sxs Type III cement and install P&A marker. RD and MOL.

Rod Velarde, JAT-BLM representatives, was on location.

Jicarilla 457-10 #44

P&A

EB PC/Basin FC, Cabresto Canyon Tertiary

990' FSL & 520' FEL, Section 10, T-30-N, R-3-W

Rio Arriba County, NM / API #30-039-29321

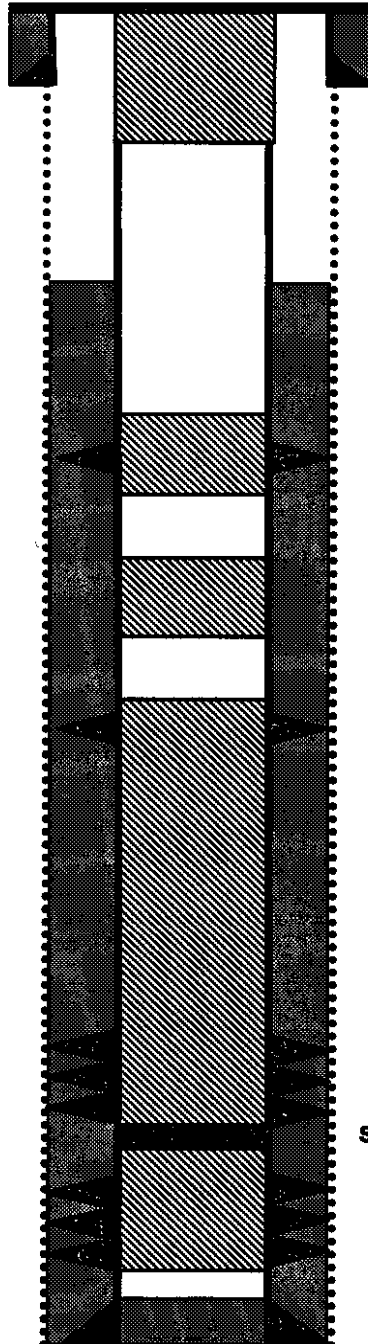
Today's Date: 6-08-07

Spud: 4/14/05

Completion: 7/9/05

Elevation: 7313' GI
7326' KB

12.25" hole



8.625" 24#, K-55 Casing set @ 256'
Cement with 200 sxs (Circulated to Surface)

Plug #4: 356' - Surf
Type III cement, 40 sxs (53
cu ft) Fell back, Top off w/
35 sxs to surf.

TOC @ 975' (CBL)

Plug #3: 1605' - 1481'
Type III cement, 20 sxs (27
cu ft)

San Jose Perforations:
1547' - 1549'

Plug #2: 2109' - 1985'
Type III cement, 16 sxs (22
cu ft)

Nacimiento Perforations:
3016' - 3018'

Nacimiento @ 2415'

Ojo Alamo @ 3279'

Kirtland @ 3488'

Fruitland Coal @ 3655'

Fruitland Coal Perforations:
3739' - 3757'

Set Cmt Ret @ 3766'

Plug #1: 3863' - 3690'
Type III cement, 110 sxs
(146 cu ft) 20 sx under the
CR, 90 sxs above CR to
2955'.

Pictured Cliffs @ 3775'

Pictured Cliffs Perforations:
3776' - 3796', 3854' - 3863'

7.875" hole

5.5" 15.5# J-55 Casing set @ 3917'
Cemented with 680 sxs

TD 3920'
PBTD 3903'