Form 3160-5 (Aprıl 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

JAN 2 5 2008

FORM APPROVED OMB No. 1004-0137

Expires: March 31, 2007

SU	NDRY NOTICES AND RE	PORTS ON 🕏	ATTALSOT Land M	d Office M	DA 701-98-0013	
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, Allottee, or Tribe Name Jicarilla Apache Tribe		
SUBMIT IN TRIPLICATE - Other Instructions on reverse side.				7. If Unit or CA	Agreement Name and/or No	
1. Type of Well Oil Well Other				8. Well Name and No.		
2. Name of Operator				Jicarilla 28-02-08 #23		
Black Hills Gas Resources, Inc.				9. API Well No.		
P.O. Box 249 Bloo	3b. Phone No. (inch	ude area code) 3 4-1111	30-039-29311 10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T.	303-00	74-1111	E. Blanco	PC, Basin FRTC & Burro Canyon Tertiary		
1790' FNL & 1930' FEL (SWNE) Unit G				11. County or P		
Sec 8, T28N, R2W 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPOR				Rio Arriba, NM		
12. CHECK APPROI	PRIATE BOX(S) TO INDICAT		· · · · · · · · · · · · · · · · · · ·	T, OR OTHE	R DATA	
TYPE OF SUBMISSION		TY	TYPE OF ACTION			
Notice of Intent		Deepen	Production (S	tart/ Resume)	Water Shut-off	
	Altering Casing	Fracture Treat	Reclamation		Well Integrity	
X Subsequent Report	Casing Repair	New Construction	Recomplete		Other	
	Change Plans X	Plug and abandon	Temporarily A	bandon		
Final Abandonment Notice	Convert to Injection	Plug back	Water Disposa	ıl		
were: 3758' to 3242', (9	ces has plugged and aband 92.4 cu ft), 3242' to 3087' (3 pleted Jan 23, 2008. The co	33 cu ft), 2310° omplete P&A 1	to 2149' (21.1 oreport dated Jan 8293037	eu ft), and 3	19' to 10' (46.2 cu	
		\ <u>\c_\c_\c_\c_\c_\c_\c_\c_\c_\c_\c_\c_\c_\</u>		<u>v/</u>		
14. I hereby certify that the foregoing is Name (Printed/ Typed)	true and correct.		वर्गा शिक्षा है।			
Loren Diede		Title	Title Consultant (Agent)		Agent)	
Signature	luce	Date		24-Jan-(SCEPTED FOR PEOCR	
	THIS SPACE FOR FE	DERAL OR S	TATE OFFICE U	SE	1111000	
					JAN Z 9 ZUU6	
Approved by Conditions of approval, if any are attac	hed. Approval of this notice does not w	Title arrant or	<u> </u>	D	ate	
certify that the applicant holds legal or				- 57	A S	
Title 18 U.S.C. Section 1001 AND Ti States any false, fictitiousor fraudulent st	tle 43 U.S.C. Section 1212, make it a	crime for any perso				
(Instructions on page 2)			•			

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 28-02-08 #23

January 24, 2008 Page 1 of 2

1790' FNL & 1930' FEL, Section 8, T-28-N, R-2-W Rio Arriba County, NM Lease Number: MDA 701-98-0013

Plug and Abandonment Report

API #30-039-29311

Notified JAT - BLM / NMOCD on 1/16/08

Work Summary:

01/17/08 MOL and RU. SDFD.

- 01/18/08 Check well pressures: casing, 900 PSI; tubing, 1100 PSI; bradenhead, 0 PSI. Blow down casing to 0 PSI in 20 minutes. Blow down tubing for 2 hours; 150 PSI. Load tubing with 25 bbls of water. Tubing on vacuum. ND wellhead. PU on tubing. LD donut. Release packer. PUH 10' on tubing; RIH 15'. NU BOP and test. Shut in well. SDFD.
- 01/20/08 Check well pressures: casing, 580 PSI; tubing, 320 PSI. Blow down casing in 10 minutes. Blow down tubing in 30 minutes. Shut in well. SDFD.
- 01/21/08 Check well pressures: tubing and bradenhead, 0 PSI; casing, 40 PSI. Blow down well. TOH and tally 112 joints 2.375" tubing, on/off tool, 5.5" packer, 4 joints 2.375" tubing F-nipple and 1 joint 2.375" tubing, 3684' total. TIH with tubing and plugging sub to 3758'. Rod Velarde, JAT BLM representative, approved procedure change. Test popoff valve, OK.

Plug #1 spot 70 sxs Type III cement (93 cf) inside casing from 3758' up to 3050' to isolate the Pictured Cliffs and Fruitland Coal perforations, cover the Kirtland and Ojo Alamo tops, and fill the Nacimiento perforations.

No circulation out casing valve during plug or displacement. Shut in well. WOC overnight. SDFD.

01/22/08 Open up well, no pressures. TIH with tubing and plugging sub and tag cement low at 3242'. Load tubing with 40 bbls of water. Some circulation out casing valve at 30 bbls; stopped circulating at 32 bbls.

Plug #1a spot 25 sxs Type III cement (33 cf) with 2% CaCl2 inside casing from 3242' up to 2990' to cover the Ojo Alamo top.

Circulation out casing valve on displacement. TOH and LD tubing. Shut in well and WOC. Cement sample hard. TIH with tubing and plugging sub and tag cement at 3087'. PUH to 2310'. Load hole with 3 bbls of water. Load casing with 30 bbls of water. Pressure test casing to 500 PSI, held OK for 5 minutes. Load bradenhead with 34 bbl of water. Pressure test bradenhead to 300 PSI, held OK.

Plug #2 spot 16 sxs Type III cement (22 cf) inside casing from 2310' up to 2149' to cover the Nacimiento top.

PUH with tubing. Shut in well. SDFD.

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Black Hills Gas Resources, Inc. Jicarilla 28-02-08 #23

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Work Summary - Continued:

01/23/08 Open well, no pressure. Remove freeze from airlines on rig. TIH with tubing openended to 319'. Load hole with 4 bbls of water. Pressure test casing to 600 PSI, held OK.

Plug #3 mix and pump 35 sxs Type III cement (47 cf) down the 5.5" inside casing from 319' to surface, circulate good cement out casing valve.

TOH and LD all tubing. ND BOP. Found cement down 12' in 5.5" casing. Monitor atmosphere and issue Hot Work Permit. Cut off wellhead. Found cement down 10' in the bradenhead.

Mix 25 sxs Type III cement and install P&A marker. RD. MOL.

Rod Velarde, JAT – BLM representative, was on location.

Jicarilla 28-02-08 #23

Actual P&A

Today's Date 1-24-08

Basin Fruitland Coal / East Blanco Pictured Cliffs / Burro Canyon Tertiary Nacimiento 1790' FNL & 1930' FEL, NE, Section 8, T-28-N, R-2-W Rio Arriba County, NM / API #30-039-29311

Spud: 12/11/04 Completion: 5/6/05

Elevation: 7333' GI

7346' KB

12.25" hole

San Jose @ 13'

Nacimiento @ 2260

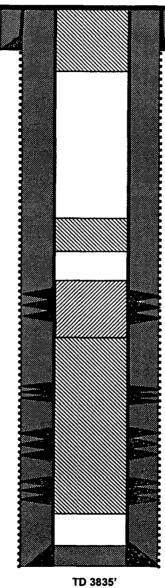
Ojo Alamo @ 3256'

Kirtland @ 3579'

Fruitland @ 3640'

Pictured Cliffs @ 3674'

7.875" hole



PBTD 3795'

TOC @ Surface, Circulate 40 bbls

8.625" 24#, Casing set @ 266' Cement with 175 sxs (Circulated to Surface)

> Plug #3: 319' – 10' 35 sxs 46.2 cu ft Type III

cement

Plug #2: 2310' – 2149' 16 sxs Type III cement, 16 sxs 21.1 cu ft

Nacimiento Perforations:

3166' -- 3220'

Plug #1A: 3242' - 3087' (tagged top) 25 sxs 33 cu ft Type III cement

3559' - 3561', 8 holes shot in error

Plug #1: 3758' – 3242'(tagged top)
Type III cement, 70 sxs, 92.4 cu ft.

Fruitland Coal Perforations: 3641' – 3661'

Pictured Cliffs Perforations: 3678' – 3756'

5.5" 17#, J-55 Casing set @ 3818' Cemented with 650 sxs, Circulate 40 bbls to surface