Form 3160- 5 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

OMB No. 1004- 0137

BUREAU OF LAND MANAGEMENT			Expires: March 31, 2007	
SI,	INDRY NOTICES AN	D REPORTS ON WELL		e Serial No. MDA 701-98-0013
		posals to drill or to re-enter		lian, Allottee, or Tribe Name
		60-3 (APD) for such propos	als	Jicarilla Apache Tribe
SUBMIT IN TI	RIPLICATE - Other Inst	ructions on reverse side	7. If Ur	it or CA. Agreement Name and/or No.
Oil Well X Gas Well	1 Other	OCT 1 0 2007	8. Well	Name and No.
2. Name of Operator	_	Bureau of Land Manag	jem <b>en</b> t	Jicarilla 29-03-01 #1
Black Hills Gas Resource 3a. Address	es, Inc.	Burbau of Latin Field O	office 9. API	Well No. 30-039-26663
	omfield, NM 87413	505-634-11		d and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)			Cabresto Canyon Tertiary
1805	5' FSL & 1870' FEL (N		11. Cou	anty or Parish, State
	Sec 1, T29N, R3			Rio Arriba, NM
	OPRIATE BOX(S) TO INI	DICATE NATURE OF NOT		OTHER DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
Notice of Intent	Acidize	Deepen	Production ( Start/ Resu	me) Water Shut-off
	Altering Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
saccequant report	Change Plans	X Plug and abandon	- -	
[ <del>-</del> -			Temporarily Abandon	
X Final Abandonment Notice	Convert to Injection	Plug back	Water Disposal	
Attach the Bond under which the following completion of the involve	tionally or recomplete horizontally, work will performed or provide the ved operations. If the operation res Abandonment Notice shall be filed	give subsurface locations and measure Bond No. on file with the BLM/BL ults in a multiple completion or recond only after all requirements, including	red and true vertical depths A. Required subsequent repulation in a new interval,	ports shall be filed within 30 days a Form 3160-4 shall be filed once
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certify that the applicant holds legal or equitable title to those rights in the subject lease Office

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 assency of the United States any false, fictitiousor fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



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 29-03-01 #1

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1805' FSL & 1870' FEL, Section 1, T-29-N, R-3-W Rio Arriba County, NM Lease Number: MDA 701-98-0013 API #30-039-26663

**Plug & Abandonment Report** 

Notified JAT - BLM & NMOCD on 9/28/07

### **Work Summary:**

10/1/07 MOL and RU. Check well pressures: tubing, 0 PSI; casing, 95 PSI; bradenhead, 75 PSI. Blow well down to pit. Load tubing with 4 bbls of water. Pressure test tubing to 1000 PSI, held OK. LD polish and stuffing box. TOH and LD 2 – 3' x ¾" rod subs, 2 – 6' x ¾" rod subs, 95 – ¾" rods, and inside assembly of down hole tubing pump. ND wellhead. NU BOP, test. TOH and tally 72 joints 2.375" tubing, 4' x 2.375" sub, 12' x 2.375" sub, 2' x 2.375" sub, tubing pump, 1 joint 2.375" tubing, total tally 2283'. TIH with tubing and plugging sub. TIH and tag fill at 3635'. Procedure change approved by Bryce Hammond, JAT – BLM, to spot plug #1 from 3635'. Load hole with 45 bbls of water. No circulation out casing valve.

**Plug #1** spot 70 sxs Type III cement (93 cf) inside casing from 3635' up to 2944' to cover the Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops and cover the Nacimiento perforations.

PUH with tubing. Shut in well. WOC overnight.

10/2/07 Check well pressures: tubing, 0 PSI; casing, 85 PSI; bradenhead, 85 PSI. Blow well down to pit. TIH and tag TOC at 2922'. PUH to 2064'. Load hole with 40 bbls of water. No circulation out the casing valve.

**Plug #2** spot 20 sxs Type III cement (27 cf) with 2% CaCl<sub>2</sub> inside casing from 2064' up to 1867' to cover the Nacimiento top.

PUH with tubing. WOC. TIH with tubing to 2064', no tag. Load hole with 30 bbls of water, no circulation out casing valve.

Plug #2a spot 40 sxs Type III cement (53 cf) with 2% CaCl2 inside casing from 2064' up to 1669' to cover the Nacimiento top.

TOH with tubing. Shut in well and WOC. Cement sample hard. TIH with tubing and tag TOC at 1735'. TOH with tubing. TIH with 5.5" casing scraper to 1196'. TIH with 5.5" DHS CR and set at 1196'. Release and sting out of CR. Load hole with 26 bbls of water. Circulate hole clean with total of 30 bbls of water. Attempt to pressure test casing to 800 PSI, bled down to 300 PSI in 30 seconds. Open casing valve.

**Plug #3** with CR at 1196', spot 20 sxs Type III cement (27 cf) inside casing from 1196' up to 1000' to isolate the San Jose interval.

PUH and WOC overnight. SDFD.

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Black Hills Gas Resources, Inc. Jicarilla 29-03-01 #1

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### **Work Summary – Continued:**

10/3/07 Open well, no pressure. TIH and tag TOC at 1070'. TOH and LD all tubing. Load hole with 3 bbls of water. Attempt to pressure test casing to 800 PSI, bled down to 500 PSI in 30 seconds. Establish circulation out bradenhead. Shut in bradenhead. Pressure test well to 800 PSI, held OK for 5 minutes. Put red dye in end of pump hose. Circulate dye out bradenhead valve with ¼ bbl. Procedure change approved by Steve Mason, BLM, to spot inside plug for surface plug. TIH open ended to 316'. Load hole with 1 bbl of water and establish circulation out the casing valve. Plug #4 mix and pump 35 sxs Type III cement (47 cf) down the 4.5" casing from 316' to surface, circulate good cement out the casing valve with 32 sxs Type III cement; shut in casing valve and circulate good cement out the bradenhead valve with 3 sxs Type III cement.

TOH and LD all tubing. ND BOP. Dig out wellhead. Monitor atmosphere. Issue Hot Work Permit. Cut off wellhead. Found cement down 15' in the 4.5" casing and at the surface in the annulus.

Mix 30 sxs Type III cement and install P&A marker.

RD and MOL.

Bryce Hammond, JAT-BLM representative, was on location.