Form 3160-5 (November 1994)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS** 

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996

5. Lease Serial No.

MDA 701-98-00	1	
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6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3100-3 (APU	i) for suc	n proposan	<b>5</b> 00 00L	- Jicari	ilia Apa	ache Tribo	3000 · ·	
					7. If t	Unit or C.	A/Agreement,	Name and or No.	
SUBMIT IN TRIPL	ICATE - Other instru	uctions (	on revers	e side		ing of the second of the secon			
1. Type of Well						o-11.	P. 2	all OU.	
Oil Well X Gas Well	Other				8. We	ell Name	and No.	CANA DIE	
2. Name of Operator					Jicar	rilla 28	-02-08 #2	3/15010	
Black Hills Gas Resources	s, Inc. c/o Mike	Pippin L	LC (Agent	)		I Well N		- JOSE PA	
3a. Address	· · · · · · · · · · · · · · · · · · ·		ne No. (include		30-03	39-293	11		
3104 N. Sullivan, Farmingt	on, NM 87401	505-327-4573			10. Fie	10. Field and Pool, or Exploratory Area East Blanco Pictured Cliffs			
4. Location of Well (Footage, Sec., 1	., R., M., or Survey Description				East				
1790' FNL & 1930' FEL Unit	t G Sec. 8 T28N R2W				AND				
					Rio A	∖rriba (	County, N	ew Mexico	
12. CHECK APPROPRIATE BOX	X(ES) TO INDICATE NAT	TURE OF	NOTICE, RI	EPORT, OR	OTHER D	DATA			
TYPE OF SUBMISSION	TYPE OF ACTION								
X Notice of Intent	Acidize	Deep		=	tion (Start/Re	esume)		Shut-Off	
<b>-</b>	After Casing Casing Repair Change Plans	☐ New	ure Treat  Construction  and Abandon	Reclam Recomp		lon	Well In Other	•	
Subsequent Report					Disposal				
Final Abandonment Notice	Convert to Injection ons (clearly state all perfuent det y or recomplete horizontally, give will be performed or provide the erations If the operation results is andomnent Notices shall be filed section.)	subsurface loo Bond No. or in a multiple only after al	estimated startic cations and meas a file with BLM completion or re- l requirements, i	ng date of any sured and true v /BIA. Required completion in a	proposed wor vertical depths I subsequent re new interval,	of all pe eports shal a Form	ertinent markers Il be filed with 3160-4 shall be	and zones in 30 days filed once	
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious (

fraudulent statements or representations as to any matter within its jurisdiction.

## BLACK HILLS GAS RESOURCES, INC. JICARILLA 28-02-08 #23 PC / FRTC G Section 8 T28N R02W 7/17/2006

API#: 30-039-29311

# **Commingle Allocation Calculations**

#### OIL

The Basin Fruitland Coal gas pool does not make any oil in the vicinity of the subject well. The East Blanco Pictured Cliffs gas pool does produce a little oil. Therefore, any and all oil will be assigned to the Pictured Cliffs.

### **GAS**

During completion operations in April 2005, stabilized gas tests were taken on the PC alone, then on the FRTC alone

The **Pictured Cliffs** choke test stabilized at 185 psi on a 1/8" choke for a 12 hour period on 4/8/05.

Q = .0555\*6.25\*200 = 70 MCF/D.

The **Fruitland Coal** choke test stabilized at 4 psi on a 1/2" choke for a 1 hour (charted) period on 4/15/05.

Q = .0555\*C\*P C = coefficient for 1/2" choke = 112.72 P = gauge pressure + 15 psi = 19 psi.

Q = .0555\*112.72\*19 = 118 MCF/D.

Total gas = 70+118 = 188 MCF/D.