Submit 3 Copies To Appropriate District	State of New Mexico		Form C-103
Office District I	Energy, Minerals and Natural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			LL API NO. 039-29481
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION		ndicate Type of Lease: FEDERAL
District III	1220 South St. Francis Dr.		STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505		State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		FEI	DERAL: JIC. MDA-701-98-0013
SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH		CTOA JIC	Lease Name or Unit Agreement Name ARILLA 29-02-18
PROPOSALS.)  1. Type of Well: Oil Well	, , <u> </u>		Well Number: #13
2. Name of Operator		9. (	OGRID Number: 013925
BLACK HILLS GAS RESORCES, INC.			
3. Address of Operator: c/o Agent, Mike Pippin LLC 3104 N. Sullivan, Farmington, NM 87401 505-327-4573			Pool name or Wildcat lanco PC & La Jara Canyon Tertiary
3104 N. Sullivan, Farmington, NM 87401 505-327-4573		E.D	lanco PC & La Jara Canyon Tertiary
4. Well Location			
Unit Letter B: 685 feet from the North line and 2345 feet from the East line			
Section 18 Township 29N Range 2W NMPM Rio Arriba County			
**************************************	11. Elevation (Show whether DR, RKB,		10.45 July N. 10.08 V 10.28 M.
7357' GL			
Pit or Below-grade Tank Application  or Closure			
Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water			
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Construction Material			
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK		EDIAL WÖRK	☐ ALTERING CASING ☐
TEMPORARILY ABANDON	CHANGE PLANS CON	IMENCE DRILLING	G OPNS. P AND A
PULL OR ALTER CASING			
OTHER: Administrative Downhole Commingle 🗹 OTHER:			
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date			
of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion			
or recompletion. This is next of the Plant Hills Boursit Clear up Busyness			
This is part of the Black Hills Permit Clean-up Program.  Black Hills requests administrative approval to downhole commingle the East Blanco Pictured Cliffs (72400) and La Jara Canyon			
Tertiary (97036), which are both included in the pre-approved pools established by Division Order R-11363. Both intervals have			
common ownership and produce essentially dry gas. We have not experienced any significant cross flows between these two intervals,			
and all the fluids are compatible. Downhole commingling will improve recovery of liquids and gas, eliminate redundant surface			
equipment, and maximize productivity. Notice has been filed concurrently on form 3160-5 with the BLM.			
These Gas & Oil allocations are based on choke tests taken during rig operations in March 2006, in which the Tertian 16 WCF/D			
	e attached calculations. This Tertiary pool		
		•	
GAS: Pictured Cliffs	90% OIL:	Pictured Cliffs	100% & JUL 2000 ~
GAS: Tertiary	10% OIL:	Tertiary	0% E PER E LA LA
			DASS 3 S
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-			
grade tank has been/will be constructed or closed according to NMOCD guidelines a general permit or an (attached) alternative QCD-approved plant			
SIGNATURE Mele	Julia TITLE Agent	Petroleum Engine	per DATE 7/19/06
TITLE Agent, Petroleum Engineer DATE 7/19/06  Type or print name Mike Pippin E-mail address: mike@pippinllc.com Telephone No.: 505-327-4573			
For State Use Only APPROVED BY:	TITLE MAN	on a gas mape	CTOR, DIST 8 DATE JUL 26 2006
APPROVED BY:  Conditions of Approval (if any):  TITLE DEPUTY OR & GAS INSPECTOR, DIST & DATE JUL 2 6 2006  DIFC 2 354AZ			
	D/4	1.2354A	<u></u>

## BLACK HILLS GAS RESOURCES, INC. JICARILLA 29-02-18 #13 PC / TERTIARY B Section 18 T29N R02W 7/19/2006

API#: 30-039-29481

## **Commingle Allocation Calculations**

## OIL

The La Jara Canyon Tertiary 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 March 2006, stabilized gas choke tests were taken on the PC alone, then on the Tertiary alone

The **Pictured Cliffs** choke test stabilized at 55 psi on a 1/2" choke for a 16 hour period on 3/14/06.

Q = .0555\*112.72\*70 = 438 MCF/D.

The Tertiary choke test stabilized at 19 psi on a 1/4" choke on 3/21/06.

Q = .0555\*26.51\*34 = 50 MCF/D.

Total gas = 438+50 = 488 MCF/D.