TITLE Petroleum Engineer - Agent DATE November 14, 2006

327-4573

TELEPHONE NO. (505)

SIGNATURE

TYPE OR PRINT NAME

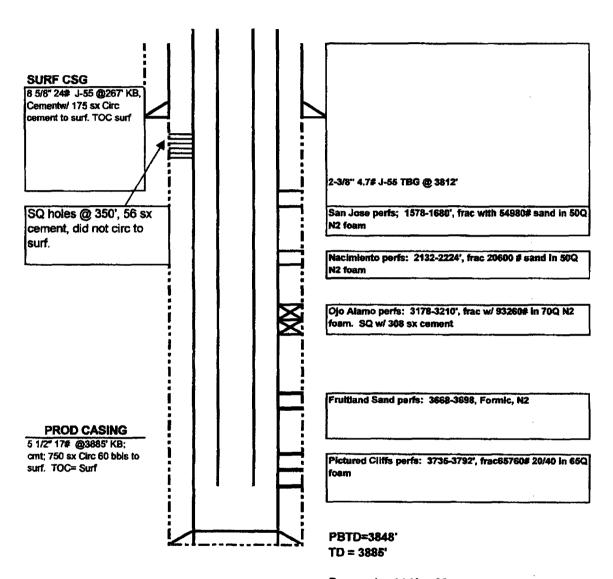
E-MAIL ADDRESS

Mike Pippin

mike@pippinllc.com

Jicarilla 459-17 #24 Current Wellbore Diagram API # 30-039-29324 SE NE Sec. 17, T30N, R3W

Elev. GL= 7166' Elev. KB= 7179'



Prepared: 14-Nov-06

District I 1625 N. French Dr., Hobbs, NM 88240 District II

1391 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

H

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

> 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

☐ AMENDED REPORT

Fee Lease - 3 Copies

WELL LOCAT	TON AND	ACREAGE	DEDICATIO	ON PLAT

¹ API Number	² Pool Code	³ Pool Name		
30-039-29324	97037	Cabresto Canyon Tertiary		
⁴ Property Code	⁵ Property	Name Well Numbe	er	
22211	Jicarilla	459-17		
OGRID No.	² Operator	Name 'Elevation		
013925	Black Hills Gas l	Resources, Inc. 7166' GL	_	

¹⁰ Surface Location Lot Idn UL or lot no. North/South line East/West line Section Township Range Feet from the Feet from the County 1795 North 17 30-N 3-W 425" East Rio Arriba

11 Bottom Hole Location If Different From Surface UL or lot no. Lot kin North/South line East/West line County Feet from the Section Township Rang Feet from the ¹³ Joint or Infill 14 Consolidation Code 15 Order No. 12 Dedicated Acres 160 - NE/4

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

·	1795'	OPERATOR CERTIFICATION I hereby certify that the information contained havein is true and complete to the best of my knowledge and bakef, and that this organization either owns o working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuing to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a computary pooling order heresofare entered by findphision.
·	O ₄₂₅ .	Signance Date Mike Pippin Printed Name
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
		Date of Survey Signature and Seal of Professional Surveyor. Certificate Number

14831

Form C-102 Revised August 15, 2000 State of New Mexico Submit to Approprieto District Office State Lease — 4 Copies Fee Lease — 3 Copies OIL CONSERVATION DIVISION 2040 South Pachaco Santa Pe, MM 67506 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code 72400 East Blanco; Pictured Cliffs · Vil Bushe Property Renn JICARILLA 459-17 24 *Operator Name سائستا 013925 MALLON OF CO. 7166 10 Surface Location III. or let me et from the 1795 NORTH 425 EAST 17 " Bottom Hole Location If Different From Surface NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 97R. CORNER FB. 2 1/2" SC 1917 GLD OPERATOR CERTIFICATION 1798 Kathy L. Schneebeck LAT.=36-48-54 N. (NAD 83) LONG.=107-09-59 W (NAD 83) Agent for Mallon Oil Company July 30, 2004 SURVEYOR CERTIFICATION

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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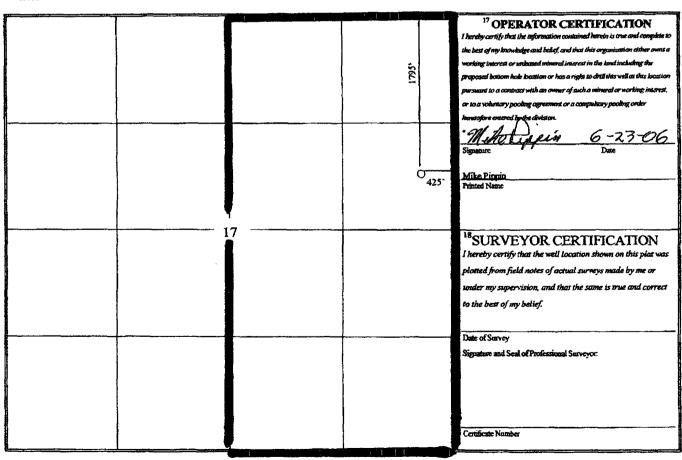
State Lease - 4 Copies

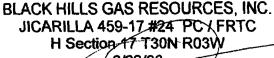
Fee Lease - 3 Copies

☐ AMENDED REPORT

			WELL LO	OCATIO1	N AND ACR	EAGE DEDICA	ATION PLAT	r		
¹ API Number				² Pool Code		³ Pool Name				
30-	30-039-29324 71629				1	Basin Fruitland Coal				
⁴ Property	Code	⁵ Prop				erty Name			⁶ Well Number	
22211	ı	Jicarilla 459-17				159-17	24			
TOGRED :	No.	* Operator Name					, Elevation			
01392	013925			Blac	Black Hills Gas Resources, Inc.			1	7166' GL	
					¹⁰ Surface l	Location				
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
н	17	30-N	3-W	l	1795'	North	425'	East	Rio Arriba	
			11 Be	ottom Ho	le Location I	f Different From	a Surface			
UL or lot no.	Section	Towaship			Feet from the		Feet from the	East/West line	e County	
Dedicated Acres	s Dint or	r Infill	14 Consolidation	Code 15 On	der No.		1_			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





6/22/06__

Commingle Allocation Calculations DHC-3737

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 workover operations in June & July 2005, stabilized gas tests were taken on the PC alone, then on the FRTC alone.

Orifice well tester (1") on FRTC alone for 12 hours (6/14/05): 175 MCF/D.

The Pictured Cliffs (only) choke test stabilized at 20 psi on a ½" choke for a 2 hour period on 6/14/05.

Q = .0555*112.72*35 = 219 MCF/D.

Total gas = 175 + 219 = 394 MCF/D.