

WVS

DHC  
3453-A

PLWVS0703932592

## FAX COVER SHEET

DATE: 2/7/07 # OF PAGES (INCLUDING COVER) 5  
TO: Will Jones FROM: MIKE PIPPIN  
COMPANY: DCD PHONE #: 505-327-4573  
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C107A Commingle Application:

Jicarilla 452-06 #23

Requested amendment to:

DHC-3453



**DISTRICT I**  
1425 E. French Dr., Hobbs, N.M. 88240

**DISTRICT II**  
1301 W. Grand Ave., Artesia, N.M. 88210

**DISTRICT III**  
1600 E. Brance Rd., Aztec, N.M. 87410

**DISTRICT IV**  
1220 South 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 June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039-27730</b>	<sup>2</sup> Pool Code <b>72400</b>	<sup>3</sup> Pool Name <b>East Blanco; Pictured Cliffs</b>
<sup>4</sup> Property Code <b>24245</b>	<sup>5</sup> Property Name <b>JCARILLA 452-6</b>	<sup>6</sup> Well Number <b>23</b>
<sup>7</sup> DEED No. <b>013925</b>	<sup>8</sup> Operator Name <b>BLACK HILLS MALLON OIL COMPANY GAS RESOURCES</b>	<sup>9</sup> Elevation <b>7030'</b>

### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
<b>G</b>	<b>6</b>	<b>29-N</b>	<b>3-W</b>		<b>2060</b>	<b>NORTH</b>	<b>2215</b>	<b>EAST</b>	<b>RIO ARriba</b>

### <sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <b>150.09</b>			<sup>13</sup> Joint or well		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.		

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

<sup>16</sup> FD. 3 1/2" U.S.G.L.O. BC. 1917		S 89-42-51 W 4043.30' (M)		FD. 1/2" REBAR w/ PLASTIC CAP "LS 8894"		<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
LOT 3		LOT 2		LOT 1		<i>Kathy L. Schneebeck</i> Signature Kathy L. Schneebeck Printed Name Agent for Mallon Oil Company Title February 19, 2004 Date	
LAT. 36°45'19"N (NAD 83) LONG. 107°11'27"W		2080'		2215'		<sup>18</sup> 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.	
LOT 4		6		S 00-08-13 E 5127.7' (M)		12-16-03 Date of Survey Signature and Seal of Registered Professional Surveyor: T4827 REGISTERED PROFESSIONAL SURVEYOR Certificate Number	
LOT 5		MAY 2004 RECEIVED OIL CONSERV. DIV. DIST. 3		FD. 2 1/2" U.S.G.L.O. BC. 1917			
LOT 6							



BLACK HILLS GAS RESOURCES, INC.  
JICARILLA 452-06 #23 PC / FRTC  
G Section 6 T29N R03W  
2/7/07

**Commingle Allocation Calculations**  
**Requested Amendment to DHC-3453**

The Tertiary perms (2478'-88' & 1336'-88') are shut-in in the annulus above a packer.

**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 January 2005, stabilized gas tests were taken on the PC alone, then on the FRTC alone.

The Pictured Cliffs (only) choke test stabilized 175 MCF/D for a 24 hour period on 1/13/05.

The Fruitland Coal (only) choke test stabilized 22 MCF/D for a 24 hour period on 1/15/05.

Total gas = 175 + 22 = 197 MCF/D.

$$\% \text{ Pictured Cliffs} = \frac{175}{197} = 89\%$$

$$\% \text{ FRTC} = \frac{22}{197} = 11\%$$