

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

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Black Hills Gas Resources, Inc. c/o Mike Pippin LLC 505-327-4573 3104 N. Sullivan Farmington, NM 87401 "This is part of the Permit Clean-up Program for Black Hills"		<sup>2</sup> OGRID Number 013925
<sup>4</sup> API Number 30 - 039-29523		<sup>3</sup> Reason for Filing Code/ Effective Date New Well
<sup>5</sup> Pool Name La Jara Canyon Tertiary Ext. 160 SW/4		<sup>6</sup> Pool Code 97036
<sup>7</sup> Property Code 32537	<sup>8</sup> Property Name Jicarilla 29-02-21	<sup>9</sup> Well Number 31

**II. <sup>10</sup> Surface Location**

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	21	29N	2W		1900'	SOUTH	900'	WEST	RIO ARRIBA

**<sup>11</sup> Bottom Hole Location**

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
SAME.									
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 3/8/06	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
			G	
			O	

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
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**V. Well Completion Data**

<sup>25</sup> Spud Date 1/4/06	<sup>26</sup> Ready Date 3/8/06	<sup>27</sup> TD 3625'	<sup>28</sup> PBDT 3603'	<sup>29</sup> Perforations 1156'- 1192'	<sup>30</sup> DHC, MC MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
12-1/4"	8-5/8" 24# J-55	297'	200		
7-7/8"	15.5# J-55	3625'	595		
	2-3/8" 4.7# J-55	3449'			
Conduct Packer Leakage test Before AUG 15, 2006					

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date Ready	<sup>37</sup> Test Date 3/3/06	<sup>38</sup> Test Length 6 hrs	<sup>39</sup> Tbg. Pressure 25 PSI	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size 1 1/8"	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas 14 MCF/D	<sup>45</sup> AOF	<sup>46</sup> Test Method Flowing
<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Mike Pippin			6-23-06 OIL CONSERVATION DIVISION Approved by: Charles L. 7-13 Title: SUPERVISOR DISTRICT # 3 Approval Date: JUL 13 2006		
Printed name: Mike Pippin					
Title: Petr. Engr. (Agent)					
E-mail Address: mike@pippinllc.com					
Date: 6/8/06		Phone: 505-327-4573			

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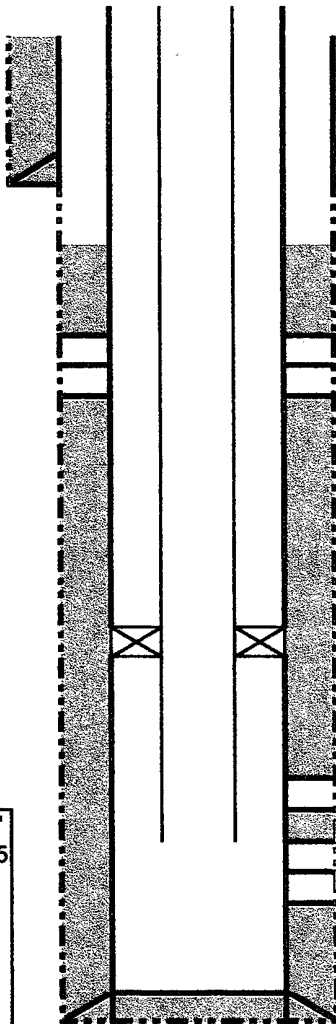
**JIC 29-02-21 #31**  
**Current Wellbore Diagram**  
 API # 30-039-29523  
 UNIT L NW SW, Sec 21, T29N, R02W Rio Arriba, NM  
 Spud Date 1-4-06

Elev. GL= 7077'  
 Elev. KB= 7090'

**SURF CSG**  
 8 5/8" 24# J-55  
 @260' KB, TOC surf

**PROD CASING**

5 1/2" 15.5# @ 3625'  
 KB; cmt; 445 sx 65/35  
 Poz lead, + 150 sx  
 50/50/3 Poz tail.  
 TOC= 930' - CBL



**TUBING DETAIL**

KB	13
91 JOINTS 2-3/8" TBG	2862.14
MODEL R PKR	6.85
18 JOINTS TBG 2-3/8"	566.63
SN	1.1
MULE SHOE	0.4
EOT	3449.72

**SAN JOSE PERFS:** 1156'-61', 1171'-82', 1186,-92' 4-0.34"  
 SPF PERF IN ACID, BROKE DOWN W/500 GALS 7-1/2%  
 HCL

**SQUEEZE HOLES @ 1340' PUMP 70 SXS CEMENT TOP  
 OF CEMENT 930'**

**FRTC PERFS:** 3424'-36' 6 SPF, FRAC WELL W/ 19870# 20  
 40 BRADY XL FOAM SCREENED OFF ON 2# SND

**Pictured Cliffs perfs:** 3460'-62', 3466'-74', 3485'-87', 3495'-  
 97': frac w/ 100720# 20-40 slick water foam

PBTD= 3603'

Prepared: 9-Jun-06