

DATE IN 12/13/06	SUSPENSE	ENGINEER CATANACH	LOGGED IN 2/14/06	TYPE NSL	APP NO. PTD50634833425
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
**- Engineering Bureau -**  
 1220 South St. Francis Drive, Santa Fe, NM 87505



5529

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

**[1] TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

**[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

2006 DEC 13 PM 2 09

**[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

**[4] CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ocean Munds-Dry Ocean Munds-Dry Attorney 12-13-06  
 Print or Type Name Signature Title Date  
 omundsdry@hollandhart.com  
 e-mail Address

December 13, 2006

**HAND DELIVERY**

Mr. Mark Fesmire, Director  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Re: Application of Black Hills Gas Resources, Inc. for administrative approval of an unorthodox well location for its Jicarilla Apache 457-10 Well No. 708 (**API No. 30-039-29869**) in the Mancos formation, WC Basin Mancos Pool (**Pool Code 97232**) at a location 2410 feet from the South line and 1515 feet from the West line of Section 10, Township 30 North, Range 3 West, N.M.P.M., Rio Arriba County, New Mexico.

Dear Mr. Fesmire:

Black Hills Gas Resources, Inc. ("Black Hills") hereby seeks administrative approval pursuant to the provisions of Division Rule 104 F (2)-(4), of an unorthodox well location for its Jicarilla Apache 457-10 Well No. 708 in the Mancos formation, located 2410 feet from the South line and 1515 feet from the West line of Section 10 (Unit K), Township 30 North, Range 3 West, N.M.P.M., Rio Arriba County, New Mexico.

This well was originally permitted as a Dakota well, in the Basin Dakota Pool and a 320-acre W/2 spacing unit in Section 10 was dedicated to the well. The well has proven to be unproductive in the Dakota formation and Black Hills now seeks permission to re-enter and re-complete the well in the Mancos formation, WC Basin Mancos Pool. Black Hills has dedicated a standard 160-acre spacing unit consisting of the SW/4 of Section 10.

This well is located within the "Mallon/Jicarilla Consolidated Contract Area" which pursuant to Corrected Administrative Order NSL-4355, dated October 2002, authorizes unorthodox well locations in "any and all formations and/or pools developed on 160-acre spacing from the surface to the base of the Pictured Cliffs formation..."



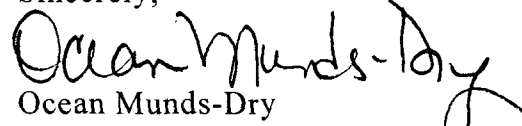
Using the existing wellbore made this completion in the Mancos formation more economically feasible and therefore is in the interest of the prevention of waste and the protection of correlative rights.

This location in the Mancos formation is unorthodox because it is governed by the Division's statewide rules that provide for wells on 160-acre spacing units to be located no closer than 660 feet to the outer boundary of the quarter section on which the well is located. The proposed well location is unorthodox because it is only 230 feet from the northern boundary of the dedicated spacing unit.

Attached hereto as **Exhibit A** is the Form C-102 plat for the well that shows its surveyed location and the 160-acre spacing unit comprised of the SW/4 of Section 10. **Exhibit B** is a plat that shows the proposed unorthodox well location and offsetting spacing units and wells. This well encroaches on offsetting federal acreage to the north where Black Hills is the operator. The working interest owners in both spacing units are Black Hills, Deep Gas, LLC and Energen Resources Corporation. All interest owners are common in the offsetting spacing unit and therefore there are no affected parties to notify pursuant to Division rules.

Your attention to this application is appreciated.

Sincerely,

  
Ocean Munds-Dry  
ATTORNEY FOR BLACK HILLS GAS  
RESOURCES, INC.

Enclosures

cc: Brenda Mustain (w/o attachments)

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

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

DISTRICT III  
1000 Rio Brazos 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 October 12, 2005  
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 30-039-29869	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name BASIN DAKOTA
<sup>4</sup> Property Code 22860	<sup>5</sup> Property Name JICARILLA 457-10	<sup>6</sup> Well Number 8D
<sup>7</sup> GRID No. 013925	<sup>8</sup> Operator Name BLACK HILLS GAS RESOURCES	<sup>9</sup> Elevation 7198'

<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
K	10	30-N	3-W		2410	SOUTH	1515	WEST	RIO ARRIBA

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 100 W2 313.24					<sup>13</sup> Joint or Infill		<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

16 CALC'D. CORNER							
LOT 4 36.76		LOT 3 36.48		LOT 2 36.30		LOT 1 36.16	
N 00-00-05 E 5145.4' (C)							
1515'		10					
		LAT. 36.82652° N (NAD 83) LONG. 107.1481° W (NAD 83)					
		2410'					
SEC. CORNER		S 89-59-44 E 2641.2' (C)		QTR. CORNER			

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a 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 pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

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.

JUNE 6, 2008

Date of Survey

Signature

Surveyor

Certificate Number

EXHIBIT A

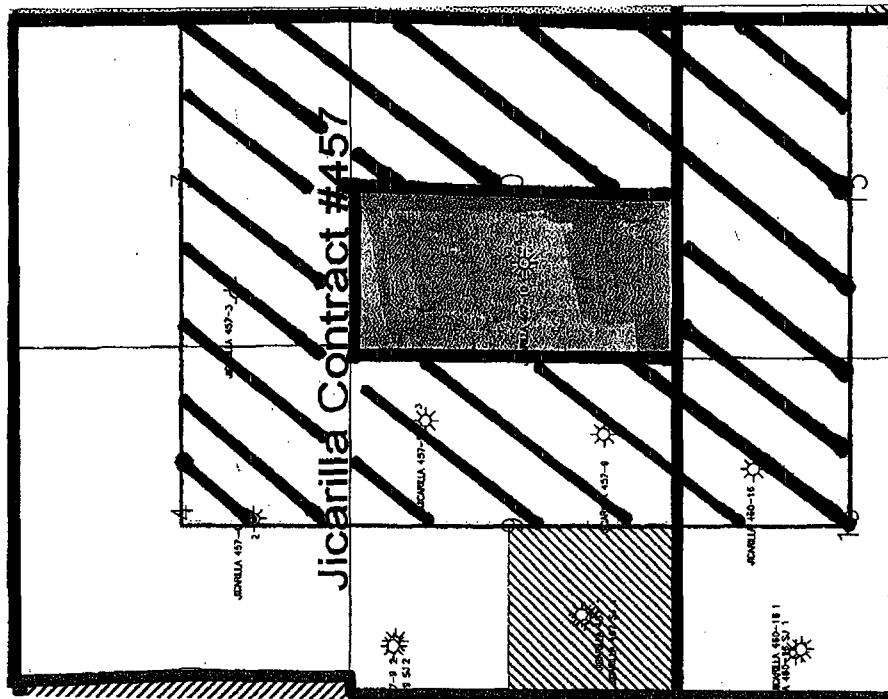


EXHIBIT B