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November 7, 2006

Honorable James H. Welsh
Commissioner of Conservation
Department of Natural Resources
Office of Conservation
P. O. Box 94275
Baton Rouge, Louisiana 70804-9275

RE: Cibicides Opima Zone, Reservoir A
BAYOU COUBA FIELD
St. Charles Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of American Natural Energy Corporation to the Commissioner of Conservation for the calling of a public hearing, after legal notice, to consider evidence relative to the issuance of an order pertaining to the following matters relating to the Cibicides Opima Zone, Reservoir A, in the Bayou Couba Field, St. Charles Parish, Louisiana.

1. To establish rules and regulations governing the exploration for and production of gas and condensate from the Cibicides Opima Zone, Reservoir A, in the Bayou Couba Field, St. Charles Parish, Louisiana.
2. To create a single drilling and production unit for this zone and to force pool and integrate all separately owned tracts, mineral leases and other property interests within the unit so created.
3. To designate a unit operator and a unit well for the unit so created, as may be appropriate.
4. To provide that any well drilled outside of the Cibicides Opima Zone, Reservoir A, shall be in accordance with the spacing provisions of Statewide Order No. 29-E.
5. To provide that the Commissioner may reclassify the Reservoir by supplemental order and without the necessity of a public hearing should such reclassification be warranted, based on evidence furnished the Commissioner.
6. To discuss any other matters that may be pertinent to this application.

The Cibicides Opima Zone, in the Bayou Couba Field, St. Charles Parish, Louisiana, is hereby defined as being that gas and condensate bearing zone encountered between the depths of 10650' and 11200' (electrical log measurements) in The Marine Contractor & Supply Co., Inc. (Fmly. Sinclair) - Waterford Oil Co. "B" No.1 Well, located in Section 2, Township 15 South, Range 21 East, St. Charles Parish, Louisiana.

In addition to furnishing the legal notice to all Interested Parties, the applicant will provide for POSTING of the legal notice of the hearing and unit plat in a prominent place in the area of the Bayou Couba Field, St. Charles Parish, Louisiana, and will cause the legal notice of the hearing to be PUBLISHED in a newspaper of general circulation published in the vicinity of the Bayou Couba Field, St. Charles Parish, Louisiana, at least fifteen (15) days before the hearing date.

Any pertinent data relating to the subject application can be obtained, **AT THE COST OF THE REQUESTING PARTY**, from David Comeaux at Leon E. Comeaux & Associates, P. O. Box 53922, Lafayette, Louisiana 70505, (337-233-9839).

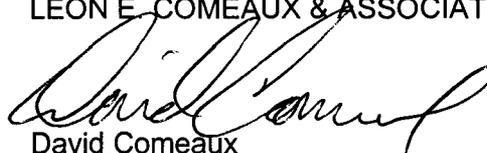
In compliance with the Rules of Procedure, a preapplication notice was given, but no request for a conference was received, and therefore, none was held.

There is attached hereto and made a part hereof a plat outlining the proposed unit. Pursuant to the Revised Rules of Procedure, a list of names and addresses of the Interested Owners, Interested Parties and Represented Parties to whom this application is being sent is being furnished only to the Commissioner of Conservation and to the District Manager of the Lafayette District of the Office of Conservation. However, the list of Parties will be provided to any party requesting a copy. A diligent effort was made to ascertain the names and addresses of all Interested Owners, Interested Parties and Represented Parties as required by the Revised Rules of Procedure.

Finally, there is enclosed our check on behalf of the applicant, American Natural Energy Corporation, in the sum of \$755.00 payable to the Office of Conservation and representing the required hearing application fee.

Sincerely,

LEON E. COMEAUX & ASSOCIATES



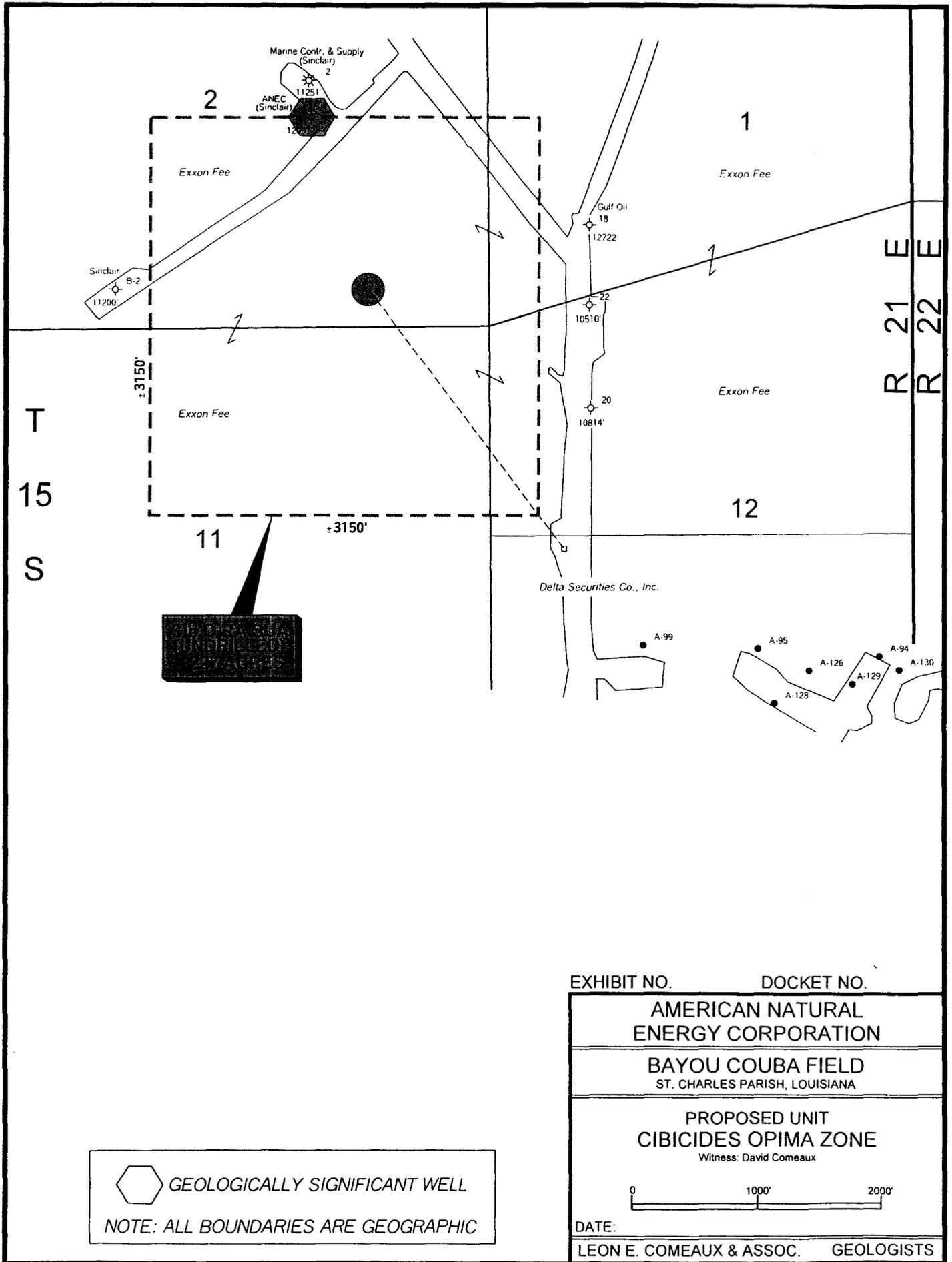
David Comeaux

DC/cu

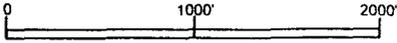
Enclosures

cc: Mr. Richard Hudson
Office of Conservation
825 Kaliste Saloom Rd.
Brandywine III, Suite 220
Lafayette, Louisiana 70508

Interested Parties, Interested
Owners and Represented Parties




GEOLOGICALLY SIGNIFICANT WELL
 NOTE: ALL BOUNDARIES ARE GEOGRAPHIC

EXHIBIT NO.	DOCKET NO.
AMERICAN NATURAL ENERGY CORPORATION	
BAYOU COUBA FIELD ST. CHARLES PARISH, LOUISIANA	
PROPOSED UNIT CIBICIDES OPIMA ZONE Witness: David Comeaux	
	
DATE:	
LEON E. COMEAUX & ASSOC. GEOLOGISTS	