

**LEON E. COMEAUX**  
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**WILLIAM McALISTER, JR.** mcalisterb@cox-internet.com

January 5, 2011

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

RE: L-P Zone, Reservoir A  
U-Y Zone, Reservoir A  
**GOOD HOPE FIELD**  
St. Charles Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of Mack Energy Co. to the Commissioner of Conservation for the calling of a public hearing, after legal notice, to consider evidence relative to the issuance of orders pertaining to the following matters relating to the L-P Zone, Reservoir A and the U-Y Zone, Reservoir A, in the Good Hope Field, St. Charles Parish, Louisiana.

1. To establish rules and regulations governing the exploration for and production of oil and gas from the L-P Zone, Reservoir A and the U-Y Zone, Reservoir A, in the Good Hope Field, St. Charles Parish, Louisiana.
2. To create a single drilling and production unit for each 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 units so created as may be appropriate.
4. To provide that any well drilled outside of the L-P Zone, Reservoir A and the U-Y 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 Reservoirs 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 L-P Zone, in the Good Hope Field, St. Charles Parish, Louisiana, is hereby defined as being that oil and gas bearing zone encountered between the depths of 7,145' to 7,835' (electrical log measurements) in the Shell Oil Co. - R & RT No. 23 Well, located in Section 7, Township 12 South, Range 8 East, St. Charles Parish, Louisiana.

The U-Y Zone, in the Good Hope Field, St. Charles Parish, Louisiana, is hereby defined as being that oil and gas bearing zone encountered between the depths of 8,748' to 9,300' (electrical log measurements) in the Shell Oil Co. - R & RT No. 35 Well, located in Section 7, Township 12 South, Range 8 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 plats in a prominent place in the area of the Good Hope 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 Good Hope 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 Cambe Geological Services, 6300 Westpark, Suite 400, Houston, Texas 77057 (713)659-8363.

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 are attached hereto and made a part hereof plats outlining the proposed units and a list of the names and addresses of the Interested Owners, Represented Parties, and Interested Parties to whom this application is being sent. Pursuant to the Revised Rules of Procedure, such list of parties and proposed unit plats (being the same plats attached to the December 22, 2010 preapplication notice) are being furnished ONLY to the Commissioner of Conservation and to the District Manager of the Lafayette District of the Office of Conservation. However, said plats and the list of parties will be provided to any party requesting copies. A reasonable effort was made to ascertain the names and addresses of all Interested Owners, Represented Parties and Interested Parties.

Finally, there is enclosed our check on behalf of the applicant, Mack Energy Co. in the sum of \$1510.00 payable to the Office of Conservation and representing the required hearing application fee.

Sincerely,

LEON E. COMEAUX & ASSOCIATES



Bill McAlister

BM/cu

Enclosures

cc: Mr. Richard Hudson  
Office of Conservation  
825 Kaliste Saloom Rd.,  
Brandywine III, Ste. 220  
Lafayette, LA 70506-4284

Interested Parties, Interested  
Owners and Represented Parties

R 8 E

27

67

T  
12  
S

Henry Leon Sarpy, et al

William J. Guiste, et al

Humble  
Sarpy  
3  
9655'

21

L-P RA SUA  
(UNDRILLED)  
±131 ACRES

20

ARGO  
Sarpy  
10819'

Humble  
Sarpy  
15  
8657'

Humble  
Sarpy  
6  
8709'

13  
10841'

Pure Oil  
8  
6536'

Pure Oil  
9  
9474'

Pure Oil  
4  
11259'

6

NOTE: ALL BOUNDARIES ARE GEOGRAPHIC



GEOLOGICALLY SIGNIFICANT WELL

EXHIBIT NO.

DOCKET NO.

**MACK ENERGY CO.**

**GOOD HOPE FIELD**  
ST. CHARLES PARISH, LOUISIANA

**PROPOSED UNIT**  
**L-P ZONE**

Geology by: William S. McAlister, Jr.

0 1000' 2000'

DATE:

**LEON E. COMEAUX & ASSOCIATES**  
LAFAYETTE, LOUISIANA 337-233-9839

R 8 E

27

67

T  
12  
S

Henry Leon Sarpy, et al

William J. Guiste, et al

U-Y RA SUA  
(UNDRILLED)  
±188 ACRES

28

20

Humble  
Sarpy  
3  
9655'

21

±1900'

±4300'

ARGO  
Sarpy  
10619'

Humble  
Sarpy  
15  
8657'

7

Pure Oil  
8  
6536'

Humble  
Sarpy  
6  
8709'

13  
10841'

Pure Oil  
9  
9474'

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