

**COOK, YANCEY, KING & GALLOWAY**

A PROFESSIONAL LAW CORPORATION  
333 TEXAS STREET, SUITE 1700  
POST OFFICE BOX 22260  
SHREVEPORT, LOUISIANA 71120-2260  
www.cookyancey.com

J. William Fleming

Writer's Direct  
(318) 227-7724  
bill.fleming@cookyancey.com

June 16, 2009

TELEPHONE (318) 221-6277

TELECOPIER (318) 227-7850

When calling relative to this  
matter, refer to file No. 2005

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

Re: Haynesville Zone, Reservoir A  
Greenwood-Waskom Field  
Caddo Parish, Louisiana

**APPLICATION FOR PUBLIC HEARING**

Dear Sir:

Petrohawk Operating Company hereby makes application pursuant to the revised rules of procedure for a public hearing to consider evidence relating to the following matters pertaining to the Haynesville Zone, Reservoir A, in the Greenwood-Waskom Field, Caddo Parish, Louisiana:

1. To create one (1) additional drilling and production unit for the exploration for and production of gas and condensate from the Haynesville Zone, Reservoir A, in the Greenwood-Waskom Field, Caddo Parish, Louisiana, to be designated HA RA SUOO, as shown outlined on the plat attached hereto and made a part hereof.
2. To force pool and integrate all of the separately owned tracts, mineral leases and other property interests located within the proposed unit in accordance with Section 10, Title 30, of the Louisiana Revised Statutes of 1950, with each tract sharing in unit production on a surface acreage basis of participation;
3. To designate a unit well and unit operator, as appropriate;
4. To redefine the Haynesville Zone, Reservoir A, INSOFAR AND ONLY INSOFAR as proposed HA RA SUOO is concerned, as being the stratigraphic equivalent of that gas and condensate bearing zone encountered between the depths of 9,828 feet and 11,145 feet (electric log measurements) in the Encore Operating Louisiana, LLC (formerly Greystone Oil & Gas, LLP) - Querbes 29 No. 2 Well (Serial No. 236852), located in Section 29, Township 16 North, Range 16 West, Caddo Parish, Louisiana;
5. To confirm that with respect to horizontal wells drilled to the Haynesville Zone, Reservoir A, in or to serve the proposed unit, where the horizontal lateral portion of the well is cased and cemented back above the top of the Haynesville Zone, Reservoir A, the distance to any unit boundary or offset well(s) will be calculated based on the distance to the nearest perforation in the well, and not based on the penetration point or terminus;

**COOK, YANCEY, KING & GALLOWAY**

Office of Conservation

June 16, 2009

Page 2

6. To extend to the proposed units all pertinent provisions of Office of Conservation Order No. 270-MM, effective June 19, 2007, and as amended and supplemented by the 270-MM Series of Orders, except to the extent inconsistent herewith; and
7. To consider and cover such other matters as the Commissioner of Conservation may deem appropriate and necessary under the circumstances.

The Haynesville Zone, Reservoir A, in the Greenwood-Waskom Field, Caddo Parish, Louisiana, was initially defined in Office of Conservation Order No. 270-MM, effective June 19, 2007, and is to be redefined INsofar AS HA RA SUOO IS CONCERNED as provided herein.

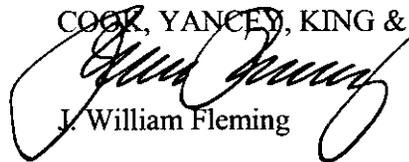
Any pertinent data relating to this matter can be obtained at the cost of the requesting party, from Mr. Craig Barclay, 522 Dumbarton Drive, Shreveport, Louisiana 71106, at telephone number (318) 869-2223.

A Pre-Application Notice letter dated June 5, 2009, was circulated in connection with this matter. There was no request for a conference; accordingly, no conference will be held.

The list of parties attached to the copies of this application being sent to the Office of Conservation includes the names of all Interested Owners, Represented Parties and Interested Parties known to Applicant after a diligent search. A copy of this application, with plat attached, is being sent to each such party. Pursuant to Office of Conservation regulations, the list of parties is being furnished only to the Commissioner of Conservation and to the District Manager of the Shreveport District of the Office of Conservation; however, the list of parties will be provided to any person requesting a copy of it. Enclosed with the copy of this application being sent to the Commissioner is a check for the application fee.

Yours very truly,

COOK, YANCEY, KING & GALLOWAY



J. William Fleming

jwf:s

Enclosures

cc: James C. Broussard, District Manager  
Interested Owners, Represented  
Parties and Interested Parties  
Mr. Craig Barclay  
Ms. Sandra Lee Baker

36

T 18 N - R 16 W

31

T 18 N - R 15 W

32

Charles Ray  
Simmons and  
Lydia Ann Johnson  
Simmons (Surf)  
United States  
of America (Min)

LAKE

Tommie A. Williams  
Cotton, (Surf)  
Tootsie W Williams,  
etal (Min)

Mae McWilliams  
Williams, etal (Surf)  
Tootsie McWilliams,  
etal (Min)

Isabel Richardson,  
etal (Surf)

Imogene Goodwin  
Clark (Surf)  
Tommie McWilliams,  
etal (Min)

Pro. Office Suites  
Plaza, etal (Surf)  
Tommie McWilliams  
Cotton, etal (Min)

Starlight Ranch,  
L.L.C. (Surf)  
Nancy Jane Wray  
Armistead, etal (Min)

**PROPOSED  
HA RA SUOO  
± 640 Acres**

Gwendolyn  
Bradford Sealy  
(Surf & Min)

City of Shreveport, etal (Surf & Min)

CROSS

1

6

5

**HA RA SUX  
270-MM-13**

Martin Timber Company,  
L.L.C., etal (Surf)  
HWV (Paige),  
L.L.C., etal (Min)

Elizabeth C.  
Bodenheimer, etal  
(Surf & Min)

Jeanne H. DeKoss, etal (Surf)  
Sidney H. Lazard, Jr., etal (Min)

**PENDING  
HA RA SUGG  
09-528**

T 17 N - R 16 W

T 17 N - R 15 W

12

7

8

**PETROHAWK OPERATING COMPANY  
TULSA, OKLAHOMA**

**GREENWOOD-WASKOM FIELD  
CADDO PARISH, LOUISIANA**

**PROPOSED  
HAYNESVILLE ZONE RESERVOIR A UNIT  
HA RA SUOO**

— — — — : PROPOSED UNIT  
— — — — : EXISTING AND/OR PENDING UNITS

GEOLOGIST: CRAIG C. BARCLAY



ONLY WELLS > HAYNESVILLE SHOWN