

September 21, 2010

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

RE: 4-7950 Zone, Reservoir A
6C-7 Zone, Reservoir A
SOUTH PASS BLOCK 24 FIELD
Plaquemines Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of Hilcorp Energy Company 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 4-7950 Zone, Reservoir A and the 6C-7 Zone, Reservoir A, in the South Pass Block 24 Field, Plaquemines Parish, Louisiana.

1. To establish rules and regulations governing the exploration for and production of gas and condensate from the 4-7950 Zone, Reservoir A and the 6C-7 Zone, Reservoir A, in the South Pass Block 24 Field, Plaquemines Parish, Louisiana.
2. To create a single drilling and production unit for each of these zones and to force pool and integrate all separately owned tracts, mineral leases and other property interests within the units 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 the 4-7950 Zone, Reservoir A and the 6C-7 Zone, Reservoir A, should be exempt from the spacing provisions of Statewide Order No. 29-E.
5. To provide that the Commissioner may reclassify the Reservoirs by supplemental orders 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 4-7950 Zone, Reservoir A, in the South Pass Block 24 Field, Plaquemines Parish, Louisiana, is hereby defined as being that gas and condensate bearing zone encountered between the depths of 8,584' to 9,412' electric log measured depths (7,468' to 8,010' true vertical depths) in the Hilcorp Energy Company - Tambour Corp. No. 45 Well, located in Section 35, Township 22 South, Range 31 East, Plaquemines Parish, Louisiana.

The 6C-7 Zone, Reservoir A, in the South Pass Block 24 Field, Plaquemines Parish, Louisiana, is hereby defined as being that gas and condensate bearing zone encountered between the depths of 10,103' to 10,870' electric log measured depths (8,466' to 8,971' true vertical depths) in the Hilcorp Energy Company - Tambour Corp. No. 45 Well, located in Section 35, Township 22 South, Range 31 East, Plaquemines 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 South Pass Block 24 Field, Plaquemines 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 South Pass Block 24 Field, Plaquemines 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 September 9, 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, Hilcorp Energy Company, in the sum of \$1510.00 payable to the Office of Conservation and representing the required hearing application fee.

Sincerely,

LEON E. COMEAUX & ASSOCIATES



Randy McAlister

RM/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 31 E

T
22
S

Southdown
1
10515'

Bateman
Arlitt - SL 3486
A-2
10953'

27
Hilcorp
Tambour Corp.
45
12121' MD
9869' VD
(Log TD 11299' MD)
9257' VD
Diamond Oper.
1
9512'

4-7950 RA SUA
±124 ACRES

Southdown, Inc.
3
9540'

Southdown, Inc.
S/O
9616'

Fault
Bateman
A-1
10713'

Arlitt

Hilcorp
(Union Prod.)

9337' MD
8669' VD
9(ST)

15
8505'

34
10
8501'

Tambour Corp.

7600'

D-2(OH)
9668' (ST)
8700'

D-3
8700'
D-15
8315'

D-1
8500'

19(OH)
9420'

18(OH)
7610' (ST)
D-11
8410' 7656'

19(ST)
8567'
D-5
7600'
17
8900'

Hilcorp
(Gulf)

Buras Levee District "D"
H. J. Harvey "C"

2
9000'

3

1
9000'

Geologically Significant Well

4
9000'

5
8500'

19
9000'

Arlitt, et al

24
7950'

2

Hunt

22
9000'

2
9030'

Delesdernier

3
9000'

35

9
4715'

EXHIBIT NO.

DOCKET NO.

HILCORP ENERGY COMPANY

SOUTH PASS BLOCK 24 FIELD
PLAQUEMINES PARISH, LOUISIANA

PROPOSED UNIT
4-7950' ZONE
Geology by: William S. McAlister, Jr.

0 1000' 2000'

DATE:

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

R 31 E

T 22 S

6C-7 RA SUA
TAMBOUR NO. 45
±65 ACRES

Southdown



10515'

Bateman
Arlitt - SL 3486



10953'

27

Hilcorp
Tambour Corp.
45

12121' MD
9869' VD
(Log TD 11299' MD)
9257' VD

Fault

26

Diamond Oper.

±278'

9512'

Southdown, Inc.



9540'

Southdown, Inc.

2

9616'

Tambour Corp.

Bateman

A-1

10713'

Arlitt

Hilcorp
(Union Prod.)

43

9731'

14

8802'

9337' MD
8669' VD

9(ST)

15

8505'

34

10

8501'

Tambour Corp.

42

7600'

9(OH)

10500'



9500'

Delesdernier



9000'

35



4715'

Geologically Significant Well

EXHIBIT NO.

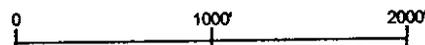
DOCKET NO.

HILCORP ENERGY COMPANY

SOUTH PASS BLOCK 24 FIELD
PLAQUEMINES PARISH, LOUISIANA

PROPOSED UNIT
6C-7 ZONE

Geology by: William S. McAlister, Jr.



DATE:

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

D-2(OH)
9668' (ST)
8700'

D-3
8700'

D-15
8315'

D-1
8500'

19(OH)
9420'

18(OH)
7610' (ST)
D-11
8410' 7656'

19(ST)
8567'

D-5
7600'

17
8900'

Hilcorp
(Gulf)

Buras Levee District "D"

H. J. Harvey "C"

2
9000'

3

1
9000'

19
9000'

J. G. Timolat

2

24
7960'

Hunt

22
9000'