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January 13, 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: Additional Alternate Unit Well
16 MKR-2A RA SUA
SOUTH PASS BLOCK 24 FIELD
Plaquemines Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of **Hilcorp Energy Company** for the calling of a public hearing, after ten (10) days legal notice, to consider evidence relative to the issuance of an order pertaining to the following matters relating to the 16 MKR-2A RA SUA located in the South Pass Block 24 Field, Plaquemines Parish, Louisiana, for which rules and regulations were established and a drilling and production unit was created for the exploration for and production of oil and gas by Office of Conservation Order No. 227-LLL, effective January 23, 2008.

1. To permit the applicant to designate and utilize its Tambour Corp. No. 42 Well as an additional alternate unit well for the 16 MKR-2A RA SUA, said well to be at the location shown on the plat attached hereto.
2. To permit the operator to produce the unit allowable from the existing unit well, the alternate unit well, or the proposed additional alternate unit well, or from the combination of the wells at its option.
3. Except to the extent herein designated, to continue in full force and effect the provisions of Office of Conservation Order No. 227-LLL.
4. To consider such other matters as may be pertinent to this application.

Commissioner of Conservation
January 13, 2010

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The 16 Marker-2A Zone, Reservoir A, in the South Pass Block 24 Field, Plaquemines Parish, Louisiana, was fully defined in Office of Conservation Order No. 227-LLL, effective January 23, 2008.

The designation of the proposed additional alternate unit well would permit efficient and economic recovery of the hydrocarbons underlying said unit and is needed to satisfy the market demand for oil and gas from the field.

Pertinent data concerning this matter can be obtained **AT THE COST OF THE REQUESTING PARTY** from Mr. Bill McAlister at Leon E. Comeaux & Associates, P. O. Box 53922, Lafayette, Louisiana 70505 (337-233-9839).

There is attached hereto and made a part hereof a plat showing the applicant's proposal. 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 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, Hilcorp Energy Company, in the sum of \$755.00 payable to the Office of Conservation and representing the required hearing application fee.

Sincerely,

LEON E. COMEAUX & ASSOCIATES



Bill McAlister, Jr.

BMJr/cu
Enclosures

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

Interested Parties, Interested
Owners and Represented Parties

R 31 E

26

27

Diamond Oper.
1
9512'

Southdown, Inc.
3
9540'

Southdown, Inc.
2
9616'

A-1
10713'

Arlitt

Tambour Corp.

Hilcorp (Gulf)

Hilcorp (Union Prod.)

T
22
S

16MKR-2A RA SUA
50.81 ACRES
APO 227-LLL
1-23-08

Buras Levee District "D"

Current Alternate Unit Well

Proposed Additional Alternate Unit Well

Unit Well

Water Level

Fault

Fault

D-1
8500'

11
9000'

D-2(OH)
9668'
8700'

D-3
8700'

D-15
8315'

D-1
8500'

3
8500'

B-1
9500'
7400'

13
8505'

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

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

Hilcorp (Gulf)

Buras Levee District "D"

4
8000'

5
8500'

Tambour Corp.

Arlitt, et al

Delesdernier

2
9000'

1
8975'

Hilcorp State-Harvey "C"
2
9000'

1
9000'

24
7960'

22
9000'

25
8700'

J. G. Timolat

2

T
23

Prop. Loc.
6(ST)
9000'

4
9000'

3
9000'

5
10432' MD
9614' VD

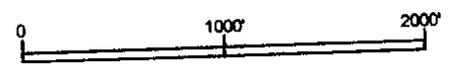
EXHIBIT NO.

DOCKET NO.

HILCORP ENERGY COMPANY

SOUTH PASS BLOCK 24 FIELD
PLAQUEMINES PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELL
16 MKR - 2A ZONE
Geology by: William S. McAister, Jr.



DATE:

LEON E. COMEAUX & ASSOC. GEOLOGISTS

J. E. Duff, et al "D"

3

26
7310'

22
8000'

7

6
8985'

20