



*James F. Hardwick & Associates*

*Unitization Specialists • Unitization Geologists • Petroleum Geologists  
1101 S. Hugh Wallis Rd., Ste. 101 • P O Box 80972 • Lafayette, LA 70598-0972  
Phone (337) 232-7756 Fax (337) 232-7797*

April 27, 2011

Honorable James H. Welsh  
Commissioner of Conservation  
Office of Conservation  
Post Office Box 94275  
Baton Rouge, LA 70804-4275

Re: Frio Zone Reservoir B  
Lower Frio Zone Reservoir A  
Tweedel Zone Reservoir C  
Richie Field  
Acadia Parish, Louisiana

Dear Commissioner Welsh:

Application is hereby made on behalf of **El Oil, Ltd.** 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 Frio Zone Reservoir B, Lower Frio Zone Reservoir A and the Tweedel Zone, Reservoir C, in the Richie Field, Acadia Parish, Louisiana:

1. To establish rules and regulations for the exploration for and production of gas and condensate from the Frio Zone, Reservoir B, Lower Frio Zone Reservoir A and the Tweedel Zone Reservoir C, in the Richie Field, Acadia Parish, Louisiana;
2. To create three drilling and production units for the Frio Zone, Reservoir B, Lower Frio Zone Reservoir A and the Tweedel Zone Reservoir C, said proposed units designated F RB SUA, LF RA SUA and TW RC SUA and as shown on the plats attached hereto and made a part hereof;
3. To force pool and integrate all separately owned tracts, mineral leases and other property interests within the units so created with each tract sharing in unit production on a surface acreage basis of participation;
4. To designate an operator of the proposed F RB SUA, LF RA SUA and TW RC SUA;
5. To provide that any wells drilled to the above mentioned zones, within or outside of the proposed units, should be located in accordance with the spacing provisions of LAC 43:XIX.1901, et seq. (Statewide Order No. 29-E);
6. To allow the Commissioner of Conservation to reclassify the reservoirs by supplemental order, without the necessity of a public hearing, should the producing characteristics of the reservoirs change and evidence to justify such reclassification is submitted to and accepted by the Commissioner of Conservation; and

7. To consider such other matters as may be pertinent to the Frio Zone Reservoir B, Lower Frio Zone Reservoir A and the Tweedel Zone Reservoir C.

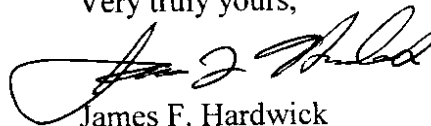
The Frio Zone in Richie Field, Acadia Parish, Louisiana was previously defined in Order No. 70-D. The Lower Frio Zone in Richie Field, Acadia Parish, Louisiana is hereby defined as being the gas and condensate bearing sands encountered between the depths of 8976 feet and 9530 feet (electric log measurements) in the Bates and Cornell Maccabees, et al No. B-1 Well located in Section 20, Township 7S, Range 1W of Acadia Parish, Louisiana. The top of the Tweedel Zone in Richie Field, Acadia Parish, Louisiana was previously defined in Order 70-E at a depth of 9530 feet (electric log measurements) in the Bates and Cornell Maccabees, et al No. B-1 Well located in Section 20, Township 7S, Range 1W of Acadia Parish, Louisiana. The Tweedel Zone RC is hereby defined as being the gas and condensate bearing sands encountered between the depths of 9880 feet (stratigraphic equivalent of adopted top, order 70-E) and 10510 feet (electric log measurements) in the McClinton A. Leonards No. B-10 Well located in Section 29, Township 7S, Range 1E of Acadia Parish, Louisiana. This Tweedel base is different than the one noted in the pre-application and should anyone desire to discuss, please contact the undersigned.

Pertinent data, including well logs, not available from the Office of Conservation, may be obtained **AT THE COST OF THE REQUESTING PARTY** from James F. Hardwick & Associates, 1101 S. Hugh Wallis Road, Suite 101, Lafayette, Louisiana 70508, Telephone Number (337) 232-7756.

In compliance with the Rules of Procedure for Conducting Hearings Before the Commissioner of Conservation a pre-application conference was held in Lafayette, Louisiana on Friday, October 29, 2010. Attached hereto and made a part hereof is a list of the names and addresses of the parties who were in attendance at the conference. The conference was opened by James F. Hardwick who presented the basis of the applicant's proposal. Numerous questions were asked and answered. Mr. David Sturlese on behalf of Zachry Exploration presented a counterplan, including acreage not under lease to El Oil, Ltd., to the west of the applicant's proposal. The conference was adjourned without resolution of differences and opposition may be expected at the hearing.

Attached hereto and made part hereof are plats outlining the applicant's proposals, along with a list of the names and addresses of the Interested Owners, Represented Parties, and Interested Parties to whom a copy of this application is being mailed. Pursuant to the Revised Rules of Procedure, such list of parties 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 furnished 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. Also enclosed is our check, made payable to the Office of Conservation, submitted on behalf of the applicant representing the required hearing application fee.

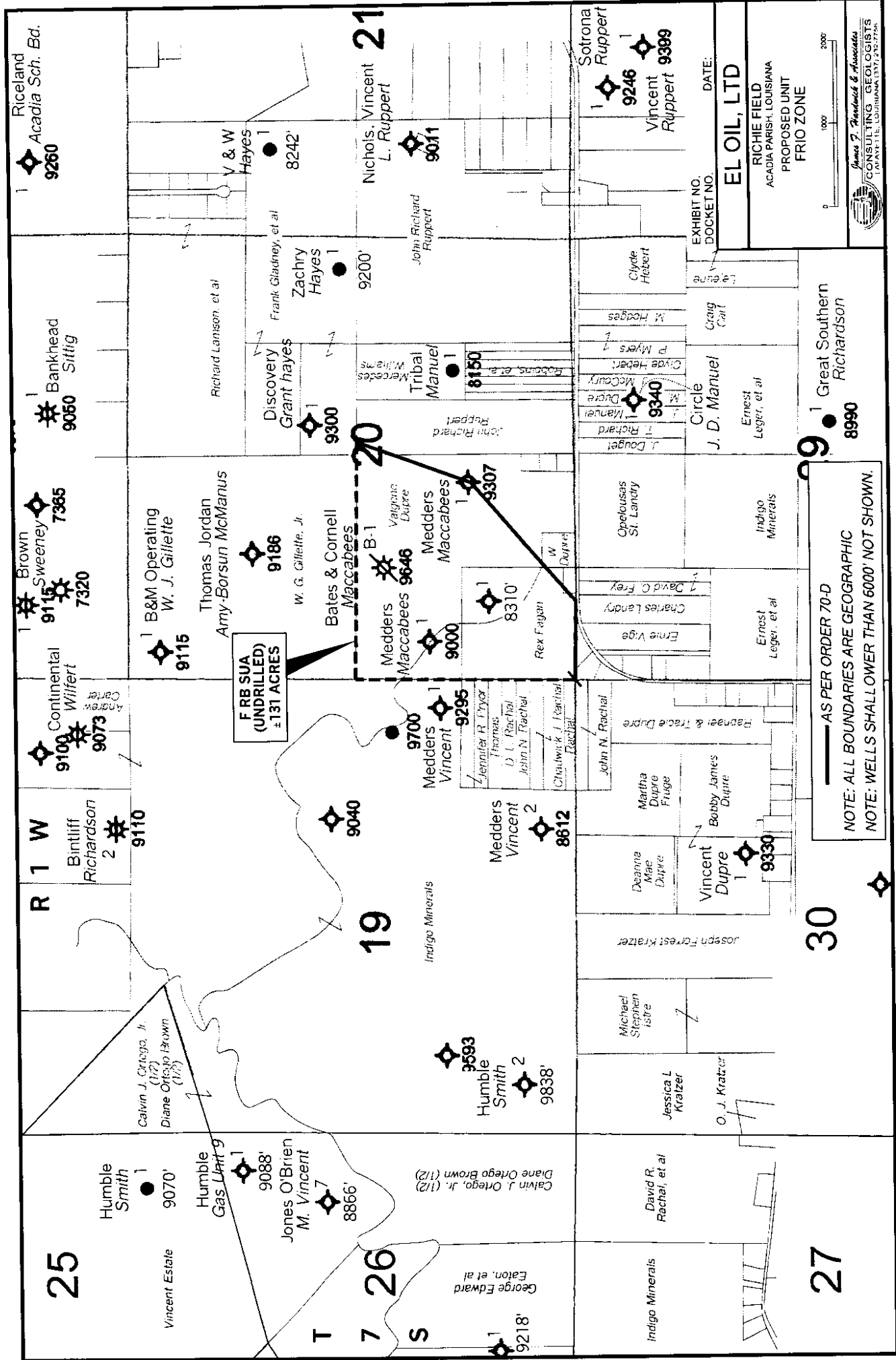
Very truly yours,



James F. Hardwick

Attachments

cc: Mr. Richard Hudson, Lafayette District Office of Conservation  
cc: Interested Owners, Represented Parties and Interested Parties



Riceland  
Acadia Sch. Bd.  
9260

Bankhead  
Sittig  
9050

Brown  
Sweeney  
9115  
7365  
7320

Continental  
Wilfert  
9100  
9073  
Center

R 1 W  
Bintliff  
Richardson  
2  
9110

Calvin J. Ortega, Jr.  
(1/2)  
Diane Ortega Brown  
(1/2)

Humble  
Smith  
9070  
Vincent Estate

Richard Lanson, et al

B&M Operating  
W. J. Gillette  
9115  
Thomas Jordan  
Amy-Borsun McManus

F RB SUA  
(UNDRILLED)  
≈ 131 ACRES

9040

Indigo Minerals

Humble  
Smith  
9088  
Jones O'Brien  
M. Vincent  
8866

George Edward  
Eaton, et al  
9218

V & W  
Hayes  
8242

Discovery  
Grant hayes  
9300  
Frank Gladney, et al  
Zachry  
Hayes  
9200

John Richard  
Ruppert  
9011

Bates & Cornell  
Maccabees  
9186  
W. G. Gillette, Jr.

Medders  
Maccabees  
9000  
Medders  
Maccabees  
9646  
Valaine  
Dupre  
8310

Medders  
Vincent  
9700  
Jennifer R. Pryor  
Thomas  
D L Rachal  
John N. Rachal  
Chawwa K. J. Rachal  
Rachal

9593  
Humble  
Smith  
9838

Calvin J. Ortega, Jr. (1/2)  
Diane Ortega Brown (1/2)

Indigo Minerals

Nichols, Vincent  
L. Ruppert  
21  
9011

John Richard  
Ruppert  
9011

Tribal  
Manuel  
8150

Medders  
Maccabees  
9307

Medders  
Vincent  
9295

Medders  
Vincent  
8612

9218

Indigo Minerals

Indigo Minerals

Sotrona  
Ruppert  
9246  
Vincent  
Ruppert  
9399

Clyde  
Hobert

M. Hodges  
P. Myers  
Clyde Hebert  
McCoy  
9340  
M. Duce  
Manuel  
Richard  
J. Douget

Opelousas  
St. Landry

Charles Landry  
Ernie Voge  
David C. Frey

John N. Rachal  
John N. Rachal  
Martha  
Dupre  
Frige  
Bobby James  
Dupre

Deanna  
Mae  
Dupre

Vincent  
Dupre  
9330

David R.  
Rachal, et al

EXHIBIT NO.  
DOCKET NO.

DATE:

Circle  
J. D. Manuel

Ernest  
Legert, et al

Ernest  
Legert, et al

Joseph Forest Kraizer

Michael  
Stephen  
Istre

Jessica L  
Kraizer  
O. J. Kraizer

Indigo Minerals

EL OIL, LTD  
RICHE FIELD  
ACADIA PARISH, LOUISIANA  
PROPOSED UNIT  
FRIO ZONE

Craig  
Carl

Ernest  
Legert, et al

Indigo  
Minerals

Ernest  
Legert, et al

Joseph Forest Kraizer

Michael  
Stephen  
Istre

Jessica L  
Kraizer  
O. J. Kraizer

Indigo Minerals

Great Southern  
Richardson  
8990

Ernest  
Legert, et al

Indigo  
Minerals

Ernest  
Legert, et al

Ernest  
Legert, et al

Joseph Forest Kraizer

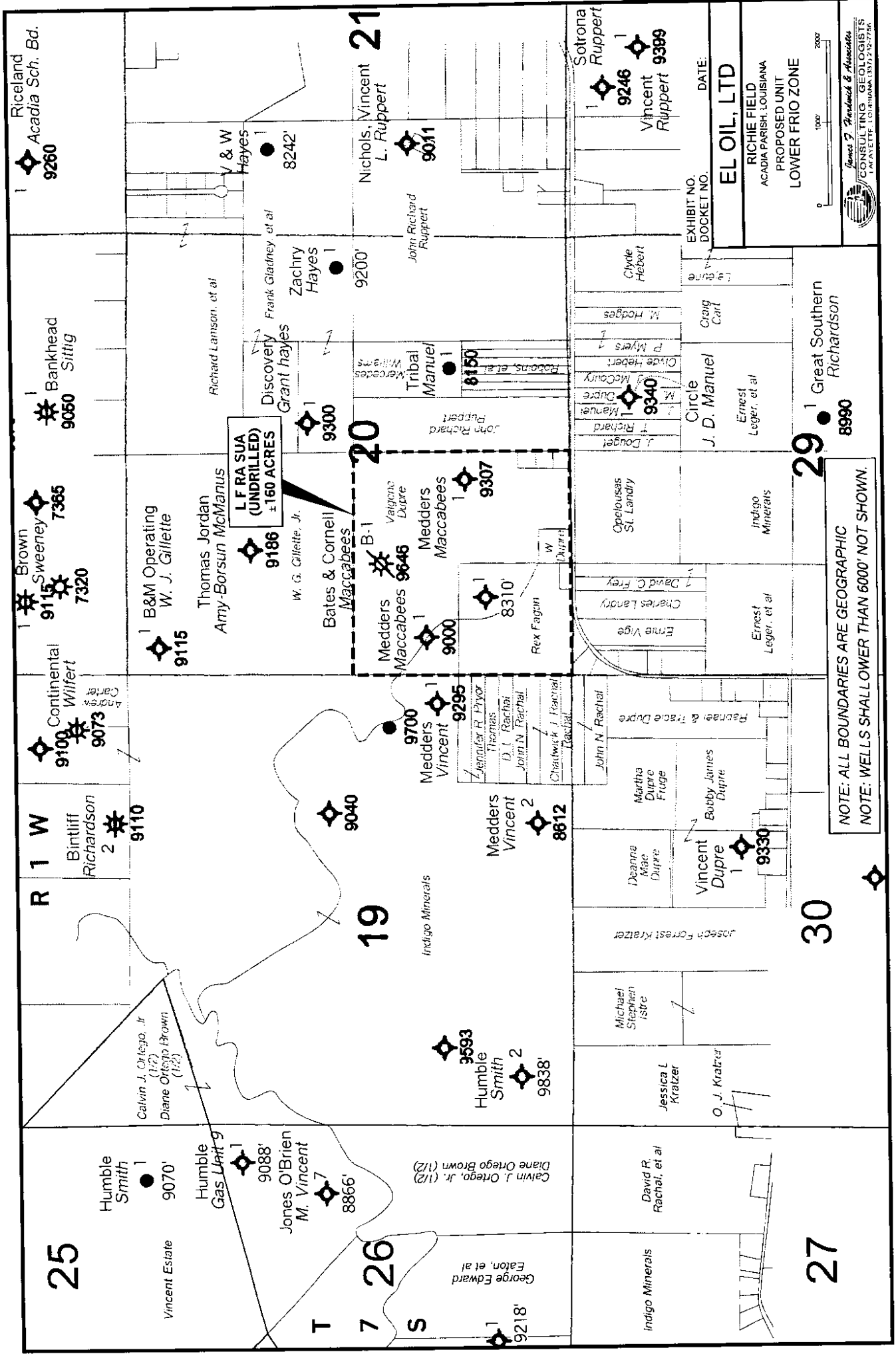
Michael  
Stephen  
Istre

Jessica L  
Kraizer  
O. J. Kraizer

Indigo Minerals

AS PER ORDER 70-D  
NOTE: ALL BOUNDARIES ARE GEOGRAPHIC  
NOTE: WELLS SHALL LOWER THAN 6000' NOT SHOWN.

James P. Ruppert & Associates  
CONSULTING GEOLOGISTS  
LAFAYETTE, LOUISIANA 70503-7724



Riceland  
Acadia Sch. Bd.  
9260

Bankhead  
Sittig  
9060

Brown  
Sweeney  
9115  
7365  
7320

Continental  
Wilfert  
9100  
9073

R 1 W  
Bintliff  
Richardson  
2  
9110

25

Humble  
Smith  
9070

Calvin J. Ortega, Jr.  
(12)  
Diane Ortega-Brown  
(12)

Humble  
Gas Part 9  
9088'  
Jones O'Brien  
M. Vincent  
8866'

26

George Edward  
Eaton, et al  
9218'

Humble  
Smith  
9593  
9838'

19

Indigo Minerals

Medders  
Vincent  
9700

Medders  
Vincent  
8612

Jennifer R. Pivor  
Thomas  
D. I. Rachal  
John N. Rachal  
Chaitwick J. Rachal  
Rachal

John N. Rachal

Martha  
Dupre  
Frige

Bobby James  
Dupre

Deanna  
Mac  
Dupre

Vincent  
Dupre  
9330

Ernie Vige

Charles Landry  
David C. Frey

Opelousas  
St. Landry

J. Douget  
Richard  
Manuel  
9340

M. Dupe  
M. Dupe  
9340

Clyde Hebert  
P. Myers  
M. Hodges

Craig  
Carl

30

Jessica L  
Kratzer

O. J. Kratzer

27

Indigo Minerals

David R.  
Rachal, et al

20

Bates & Cornell  
Maccabee  
9300

W. G. Gillette, Jr.

Medders  
Maccabee  
9646

Vaigona  
Dupre

Medders  
Maccabee  
9307

John Richard  
Ruppert

Tribal  
Manuel  
8150

Robbins, et al

John Richard  
Ruppert

Richard Lanson, et al

Discovery  
Grant Hayes

Frank Gladney et al

Zachry  
Hayes

8242'

V & W  
Hayes

Nichols, Vincent  
L. Ruppert  
9011

21

26

T 7 S

EXHIBIT NO.  
DOCKET NO.

DATE:

EL OIL, LTD

RICHIE FIELD  
ACADIA PARISH, LOUISIANA  
PROPOSED UNIT  
LOWER FRIO ZONE

0 1000' 2000'

James J. Hendrick & Associates  
CONSULTING GEOLOGISTS  
ACADIA PARISH, LOUISIANA 70712-2786

NOTE: ALL BOUNDARIES ARE GEOGRAPHIC  
NOTE: WELLS SHALLower THAN 6000' NOT SHOWN.

29  
Great Southern  
Richardson  
8990

Ernest  
Legier, et al

Indigo  
Minerals

Ernest  
Legier, et al

Ernie Vige

Charles Landry  
David C. Frey

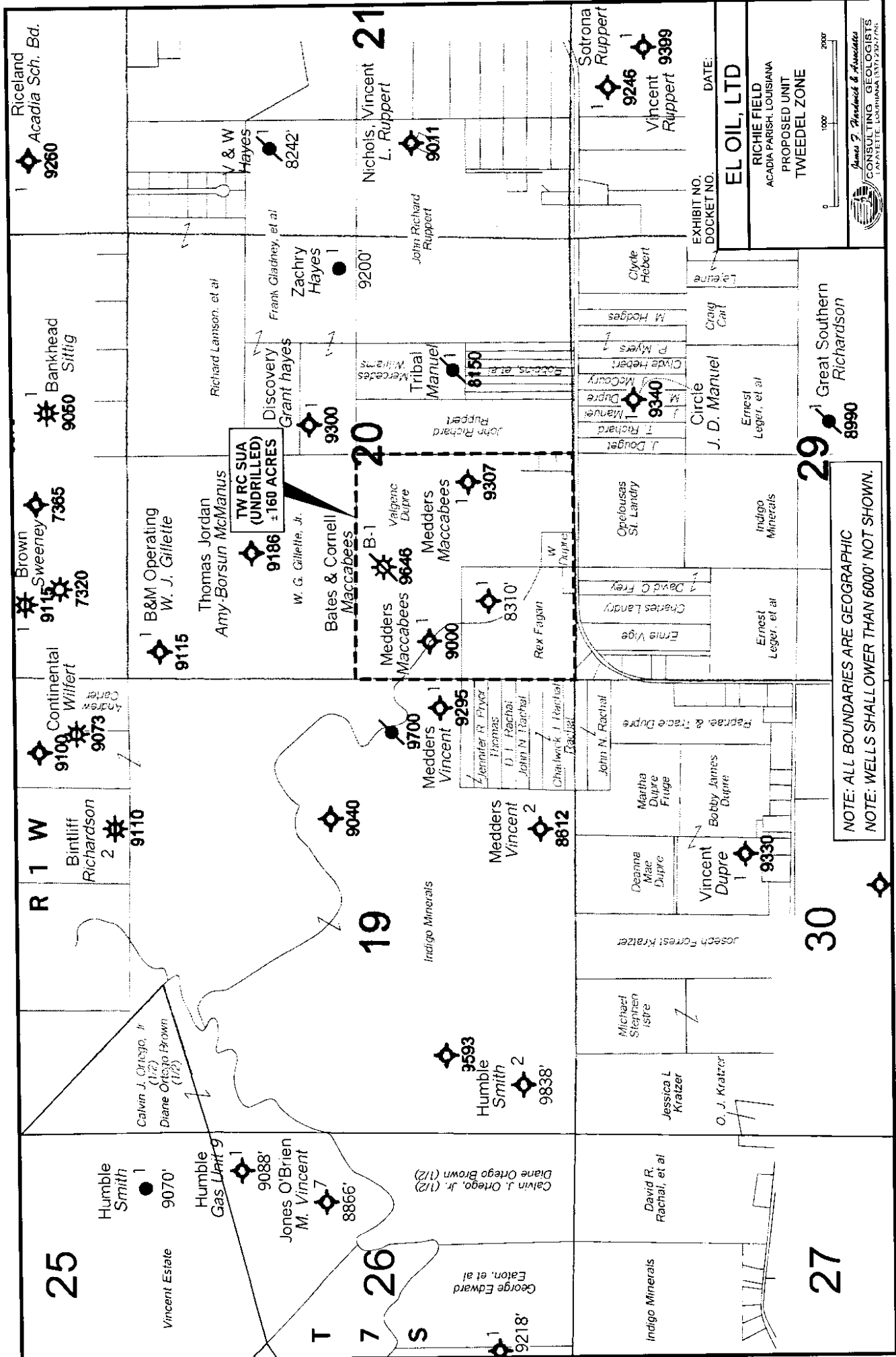
Opelousas  
St. Landry

J. Douget  
Richard  
Manuel  
9340

M. Dupe  
M. Dupe  
9340

Clyde Hebert  
P. Myers  
M. Hodges

Craig  
Carl



**TW RC SUA  
(UNDRILLED)  
±160 ACRES**

W. G. Gillette, Jr.  
Bates & Cornell  
Maccabees

NOTE: ALL BOUNDARIES ARE GEOGRAPHIC  
NOTE: WELLS SHALLOWER THAN 6000' NOT SHOWN.

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DOCKET NO. \_\_\_\_\_

**EL OIL, LTD**  
RICHIE FIELD  
ACADIA PARISH, LOUISIANA  
PROPOSED UNIT  
TWEEDDEL ZONE



Great Southern  
Richardson  
8990

Riceland  
Acadia Sch. Bd.  
9260

Bankhead  
Sittig  
9050

Brown  
Sweeney  
9115  
7365  
7320

Continental  
Wilfert  
9100  
9073

R 1 W  
Bintliff  
Richardson  
2 #  
9110

Calvin J. Ortega, Jr.  
(1/2)  
Diane Ortega-Brown  
(1/2)

Humble  
Smith  
9070'  
Vincent Estate

Humble  
Gas Unit 9  
9088'  
Jones O'Brien  
M. Vincent  
8866'

B&M Operating  
W. J. Gillette  
9115  
Thomas Jordan  
Amy-Borsun McManus  
9186

Bates & Cornell  
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9300  
Medders  
Maccabees  
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9307

Indigo Minerals  
9040  
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Vincent  
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9295

Humble  
Smith  
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9838'

George Edward  
Eaton, et al  
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Nichols, Vincent  
L. Ruppert  
9011

John Richard  
Ruppert  
9011

Discovery  
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9300  
Zachry  
Hayes  
8242'

Valgene  
Dupre  
Medders  
Maccabees  
9307

Medders  
Maccabees  
9000  
8310'

Medders  
Vincent  
8612

Indigo Minerals  
9838'

Calvin J. Ortega, Jr. (1/2)  
Diane Ortega-Brown (1/2)

Indigo Minerals  
9218'

Satrona  
Ruppert  
9246  
Vincent  
Ruppert  
9399

Clyde  
Hobert

Circle  
J. D. Manuel  
9340  
J. Richard  
J. Douget

Onelousas  
St. Landry  
9340  
Ernest  
Leger, et al

Ernie Vige  
Charles Landry  
David C. Frey

Deanna  
Maie  
Dupre  
Vincent  
Dupre  
9330

Michael  
Stephens  
Istre

Jessica L  
Kratzer  
O. J. Kratzer

Indigo Minerals  
David R.  
Rachal, et al

Richard Lanson, et al  
9200'

Frank Gladney, et al  
Zachry  
Hayes  
8242'

John Richard  
Ruppert  
9011

W. Dupre  
Rex Fagan  
8310'

John N. Rachal  
Martha  
Dupre  
Frudge  
Bobby James  
Dupre

Joseph Forest  
Kratzer

Jessica L  
Kratzer  
O. J. Kratzer

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Rachal, et al

Indigo Minerals  
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Rachal, et al

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DOCKET NO. \_\_\_\_\_

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RICHIE FIELD  
ACADIA PARISH, LOUISIANA  
PROPOSED UNIT  
TWEEDDEL ZONE



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9218'