

BOB F. ANDERSON, PE, INC.
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September 16, 2010

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

Re: APPLICATION FOR PUBLIC HEARING

Proposed Alternate Unit Wells
Haynesville Zone, Reservoir A
HA RA SUR, HA RA SUS & HA RA SUQ
Bethany-Longstreet Field
DeSoto Parish, Louisiana

Application is hereby made on behalf of **EXCO OPERATING COMPANY, L.P.**, (Applicant), to the Commissioner of Conservation for a Public Hearing to consider evidence relative to the issuance of an Order pertaining to the following matters relating to the Haynesville Zone, Reservoir A, Bethany-Longstreet Field, DeSoto Parish, Louisiana:

1. To permit the Applicant to drill, designate and utilize four (4) additional alternate unit wells for the production of gas and condensate for the Haynesville Zone, Reservoir A, in the units designated HA RA SUR, HA RA SUS and HA RA SUQ, Bethany-Longstreet Field, DeSoto Parish, Louisiana, such units and wells shown on the attached plat and being made a part hereof.
2. To find that alternate unit wells are necessary, at the locations shown on the attached plat, to assist in draining a portion of the Haynesville Zone, Reservoir A, in the units designated HA RA SUR, HA RA SUS and HA RA SUQ that cannot be drained by any other well located within the unit.
3. To find that with respect to horizontal well(s) to be drilled to the Haynesville Zone, Reservoir A, within or to serve the HA RA SUR, HA RA SUS and HA RA SUQ, where the horizontal portion of the well is cased and cemented back above the top of the Haynesville Zone, Reservoir A, the distance to any unit boundary and any offset well(s) shall be calculated based on the distance from the nearest perforations in the well and not based on the penetration or terminus point.
4. To permit the unit operator to produce the assigned unit allowable from the unit well, the alternate unit wells or from a combination of all wells, at its discretion.
5. To consider and cover such other matters as the Commissioner of Conservation may deem pertinent and appropriate.

Hon. James H. Welsh
Bethany-Longstreet Field
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The Haynesville Zone, Reservoir A, in the Bethany-Longstreet Field, DeSoto Parish, Louisiana, was initially defined in Office of Conservation Order No. 289-R, effective April 1, 2008, and was redefined in Office of Conservation Order No. 289-R-3, effective June 25, 2008.

The pertinent data pertaining to this Application is available for inspection at the offices of Bob F. Anderson, PE, Inc., 400 Travis Street, Suite 209, Shreveport, Louisiana 71101. Any person wishing to inspect such data should call Bob Anderson 318/425-4230 during normal business hours in order to arrange a date and time for such inspection. A copy of any such pertinent data that is otherwise not available from the Office of Conservation can be obtained **at the expense of the requesting party.**

The subject matter of this Application does not require a Pre-Application Notice.

Pursuant to the revised Rules of Procedure, Applicant has made a reasonable effort to obtain the names and addresses of all Interested Owners, Interested Parties and Represented Parties to whom this Application is being sent. A copy of this letter, plat and list of parties is being sent to the District Manager of the Shreveport District Office of Conservation. The attached letter and plat is being sent to the Interested Owners, Represented Parties and the Interested Parties as shown on the attached list.

Attached hereto is our check, made payable to the Office of Conservation, to cover the applicable hearing fee.

Yours truly,



B. F. Anderson, PE, Consultant for
EXCO OPERATING COMPANY, LP

cc: Mr. James Broussard, District Manager Shreveport District Office of Conservation (w/encl)
Interested Owners, Represented Parties and Interested Parties (w/plat)
EXCO Operating Co., LP (w/encl)

T15N-R16W

T15N-R15W

HA RA SUZ

HA RA SUV

HA RA SUWW

HA RA SUD

HA RA SUR
6

HA RA SUQ

HA RA SUH

HA RA SUS
7

HA RA SUT

HA RA SUZ

HA RA SUV

HA RA SUWW

T14N-R16W

T14N-R15W

NOTE : NO PERFORATIONS WILL BE CLOSER THAN 330' FROM THE UNIT BOUNDARY

- ① Red Oak Timber 6 #5-Alt: PSL @ 150' FSL & 914' FWL (Sec 6), PBHL @ 250' FNL & 380' FWL (Sec 6)
- ② Red Oak Timber 6 #6-Alt: PSL @ 150' FSL & 1094' FWL (Sec 6), PBHL @ 250' FNL & 1248' FWL (Sec 6)
- ③ Red Oak Timber 6 #7-Alt: PSL @ 420' FSL & 1579' FEL (Sec 6), PBHL @ 250' FNL & 2252' FEL (Sec 6)
- ④ Red Oak Timber 6 #8-Alt: PSL @ 420' FSL & 1399' FEL (Sec 6), PBHL @ 250' FNL & 1004' FEL (Sec 6)
- ⑤ Red Oak Timber 7 #5-Alt: PSL @ 60' FSL & 914' FWL (Sec 6), PBHL @ 250' FSL & 380' FWL (Sec 7)
- ⑥ Red Oak Timber 7 #6-Alt: PSL @ 60' FSL & 1094' FWL (Sec 6), PBHL @ 250' FSL & 1248' FWL (Sec 7)
- ⑦ Red Oak Timber 7 #7-Alt: PSL @ 300' FSL & 1579' FEL (Sec 6), PBHL @ 250' FSL & 2252' FEL (Sec 7)
- ⑧ Red Oak Timber 7 #8-Alt: PSL @ 300' FSL & 1399' FEL (Sec 6), PBHL @ 250' FSL & 1004' FEL (Sec 7)

- BHL & SL For Approved Unit Well
- BHL For Approved Substitute Unit Well
- BHL For Approved Alternate Unit Well
- BHL For Proposed Alternate Unit Well



EXCO OPERATING CO., L.P.

BETHANY-LONGSTREET FIELD
DESOTO PARISH, LOUISIANA

EIGHT PROPOSED ALTERNATE UNIT WELLS
HA RA SUR & HA RA SUS

DOCKET NO. 10- EXHIBIT NO.1

T14N-R15W

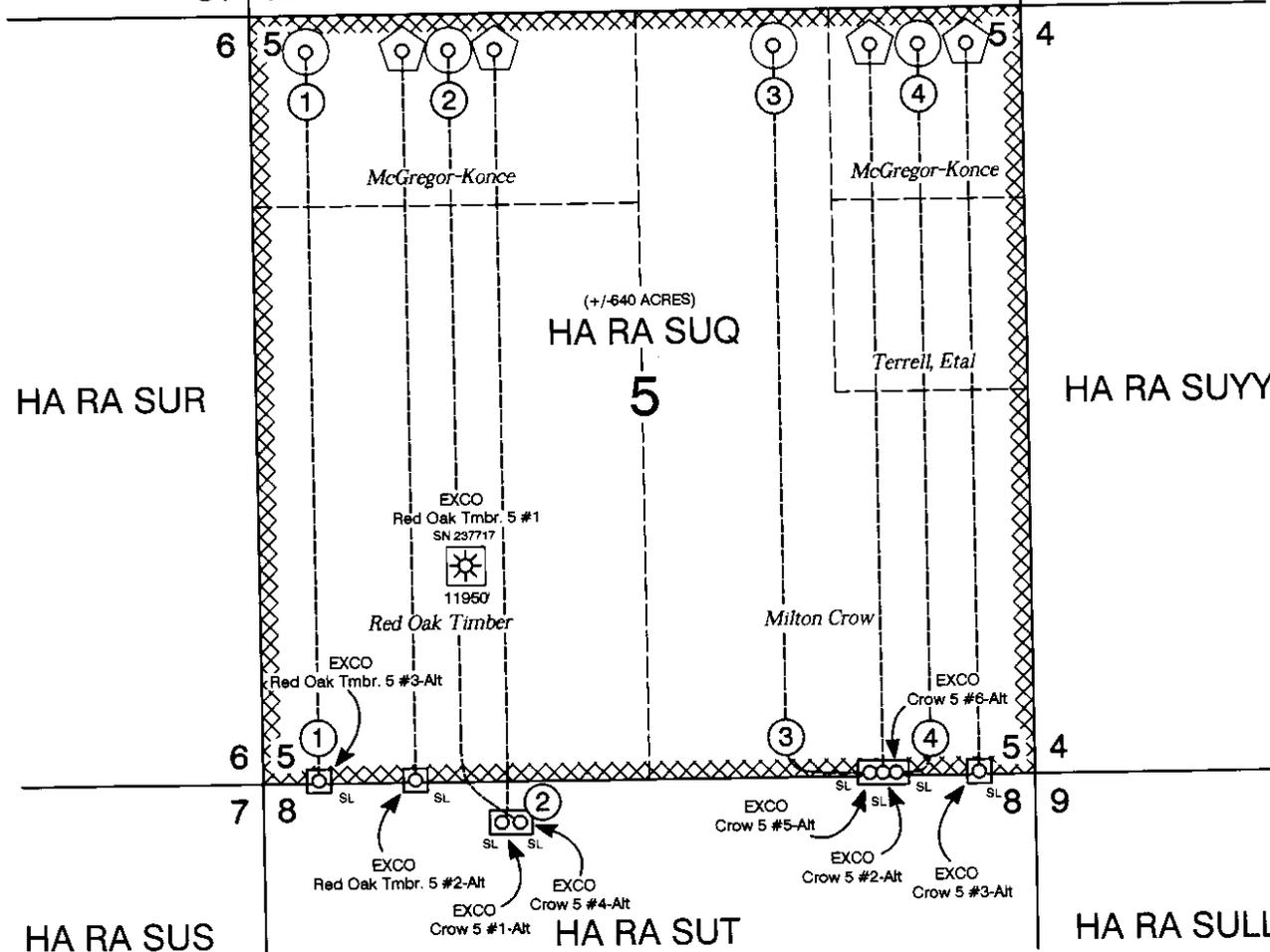
HA RA SUVV

HA RA SUWW

HA RA SUHH

31 32

32 33



HA RA SUR

(+/-640 ACRES)
HA RA SUQ
5

HA RA SUYY

HA RA SUS

HA RA SUT

HA RA SULL

NOTE : NO PERFORATIONS WILL BE CLOSER THAN 330' FROM THE UNIT BOUNDARY

- ① Red Oak Timber 5 #3-Alt: PSL @ 20' FSL & 350' FWL (Sec 5), PBHL @ 250' FNL & 380' FWL (Sec 5)
- ② Crow 5 #4-Alt: PSL @ 280' FNL & 1715' FWL (Sec 8), PBHL @ 250' FNL & 1355' FWL (Sec 5)
- ③ Crow 5 #5-Alt: PSL @ 20' FSL & 1130' FEL (Sec 5), PBHL @ 250' FNL & 1700' FEL (Sec 5)
- ④ Crow 5 #6-Alt: PSL @ 20' FSL & 950' FEL (Sec 5), PBHL @ 250' FNL & 710' FEL (Sec 5)



SL & BHL For Approved Unit Well



BHL For Approved Alternate Unit Well



BHL For Proposed Alternate Unit Well



EXCO OPERATING CO., L.P.

BETHANY-LONGSTREET FIELD

DESOTO PARISH, LOUISIANA

PLAT SHOWING
FOUR PROPOSED ALTERNATE UNIT WELLS

HA RA SUQ

DOCKET NO. 10-

EXHIBIT NO.1