

**COOK, YANCEY, KING & GALLOWAY**

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May 26, 2009

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When calling relative to this  
matter, refer to file No. 1977.

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

Re: Cotton Valley Formation, Reservoir A  
Haynesville Zone, Reservoir A  
Thorn Lake Field  
Red River Parish, Louisiana

**APPLICATION FOR PUBLIC HEARING**

Dear Sir:

Questar Exploration and Production 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 Cotton Valley Formation, Reservoir A, and the Haynesville Zone, Reservoir A, in the Thorn Lake Field, Red River Parish, Louisiana:

1. To create one (1) additional drilling and production unit for the exploration for and production of gas and condensate from the Cotton Valley Formation, Reservoir A, in the Thorn Lake Field, Red River Parish, Louisiana, to be designated CV RA SUAA, as shown outlined on the plat attached hereto and made a part hereof;
2. To redefine the Cotton Valley Formation, Reservoir A, in the Thorn Lake Field, INSOFAR AND ONLY INSOFAR AS CV RA SUAA IS CONCERNED, as the stratigraphic equivalent of that gas and condensate bearing interval occurring between the depths of 8,871 feet and 9,930 feet (electric log measurements) in the Chesapeake Operating, Inc. (formerly Matador Production Company) - Blount Farms 2 No. 1 Well located in Section 2, Township 14 North, Range 12 West, Red River Parish, Louisiana;
3. 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 Thorn Lake Field, Red River Parish, Louisiana, to be designated HA RA SUR, as shown outlined on the plat attached hereto and made a part hereof;
4. To redefine the Haynesville Zone, Reservoir A, in the Thorn Lake Field, INSOFAR AND ONLY INSOFAR AS HA RA SUR IS CONCERNED, as the stratigraphic equivalent of that gas and condensate bearing interval occurring between the depths

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of 9,930 feet and 11,963 feet (electric log measurements) in the Chesapeake Operating, Inc. (formerly Matador Production Company) - Blount Farms 2 No. 1 Well located in Section 2, Township 14 North, Range 12 West, Red River Parish, Louisiana;

5. To force pool and integrate all of the separately owned tracts, mineral leases and other property interests located within the proposed units 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;
6. To designate unit wells and unit operators, as appropriate;
7. To provide that with respect to horizontal wells drilled to the Haynesville Zone, Reservoir A, in or to serve HA RA SUR, 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 or any 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;
8. Except to the extent inconsistent herewith, to extend the provisions of Office of Conservation Order No. 1145, effective July 31, 1981, as amended and supplemented by the Office of Conservation Order No. 1145 Series of Orders, to the proposed additional unit for the Cotton Valley Formation, Reservoir A;
9. Except to the extent inconsistent herewith, to extend the provisions of Office of Conservation Order No. 1145-B, effective July 15, 2008, as amended and supplemented by the Office of Conservation Order No. 1145-B Series of Orders, to the proposed additional unit for the Haynesville Zone, Reservoir A;
10. To consider and cover such other matters as the Commissioner of Conservation may deem appropriate and necessary under the circumstances.

The Cotton Valley Formation, Reservoir A, in the Thorn Lake Field, Red River and Caddo Parishes, Louisiana, was defined in Office of Conservation Order No. 1145, effective July 31, 1981, and is to be redefined INsofar AND ONLY INsofar AS TO proposed CV RA SUAA as provided herein.

The Haynesville Zone, Reservoir A, in the Thorn Lake Field, Red River and Caddo Parishes, Louisiana, was defined in Office of Conservation Order No. 1145-B, effective July 15, 2008, and is to be redefined INsofar AND ONLY INsofar AS TO proposed HA RA SUR as provided herein.

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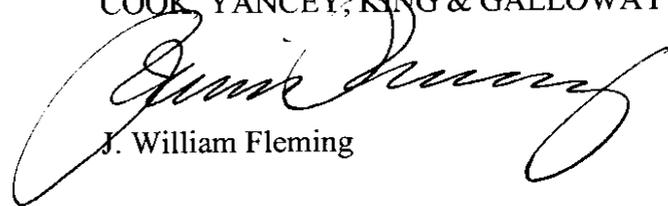
Any pertinent data relating to this matter can be obtained at the cost of the requesting party, from Mr. Craig Barclay, 522 Dumbarton Drive, Shreveport, Louisiana 71106, at telephone number (318) 869-2223.

A pre-application notice dated May 12, 2009, was circulated in connection with this matter. There was no request for a conference received; 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 letter being sent to the Commissioner of Conservation is a check for the appropriate application fee.

Yours very truly,

COOK, YANCEY, KING & GALLOWAY

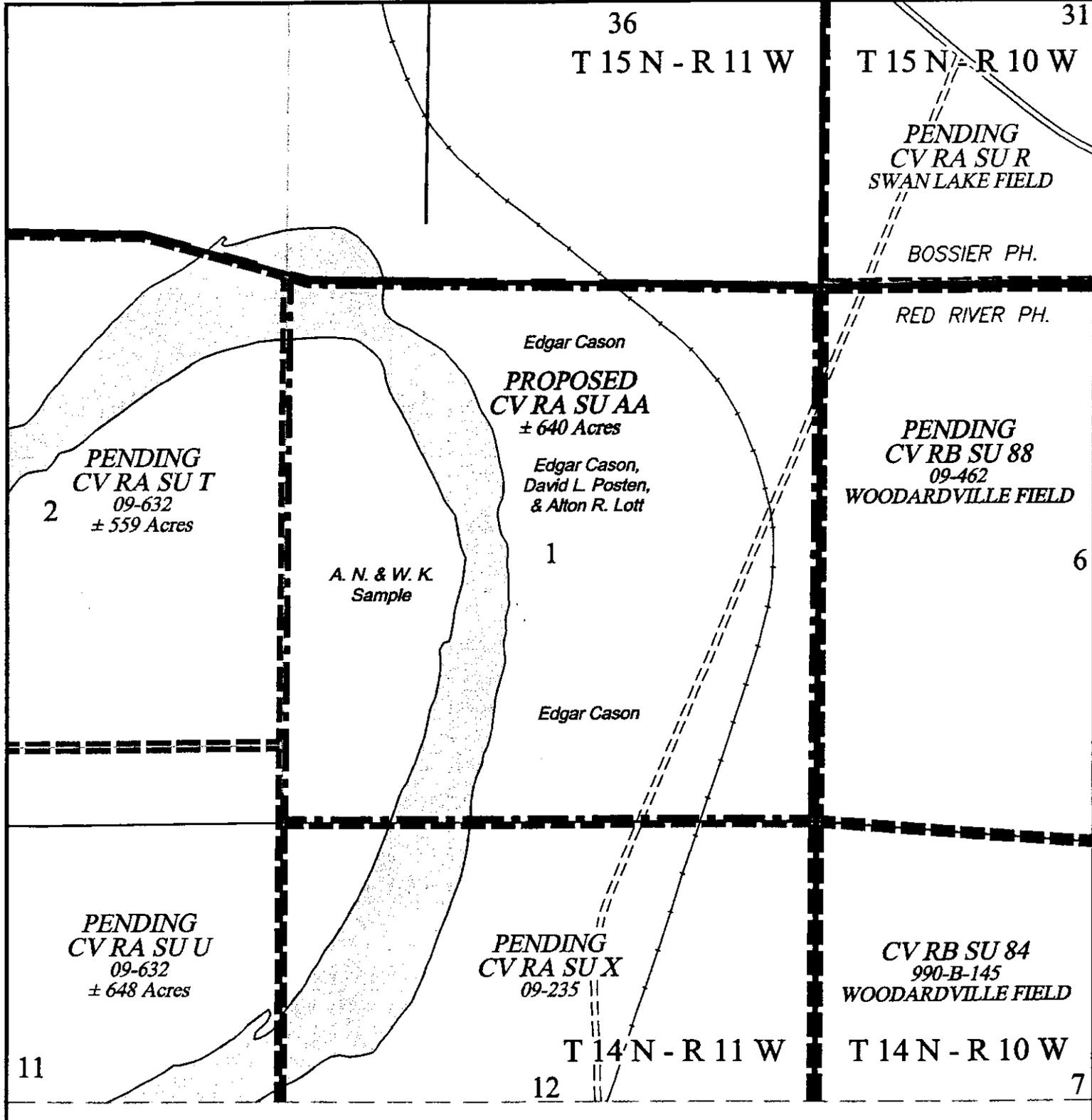


J. William Fleming

jwf:s

Enclosures

cc: James C. Broussard, District Manager  
Interested Owners, Represented  
Parties and Interested Parties  
Mr. Craig Barclay  
Ms. Cindy McGee



**QUESTAR**  
EXPLORATION AND PRODUCTION COMPANY

**THORN LAKE FIELD**  
RED RIVER PARISH, LOUISIANA  
**PROPOSED  
COTTON VALLEY ZONE RESERVOIR A UNIT  
CV RA SU AA**

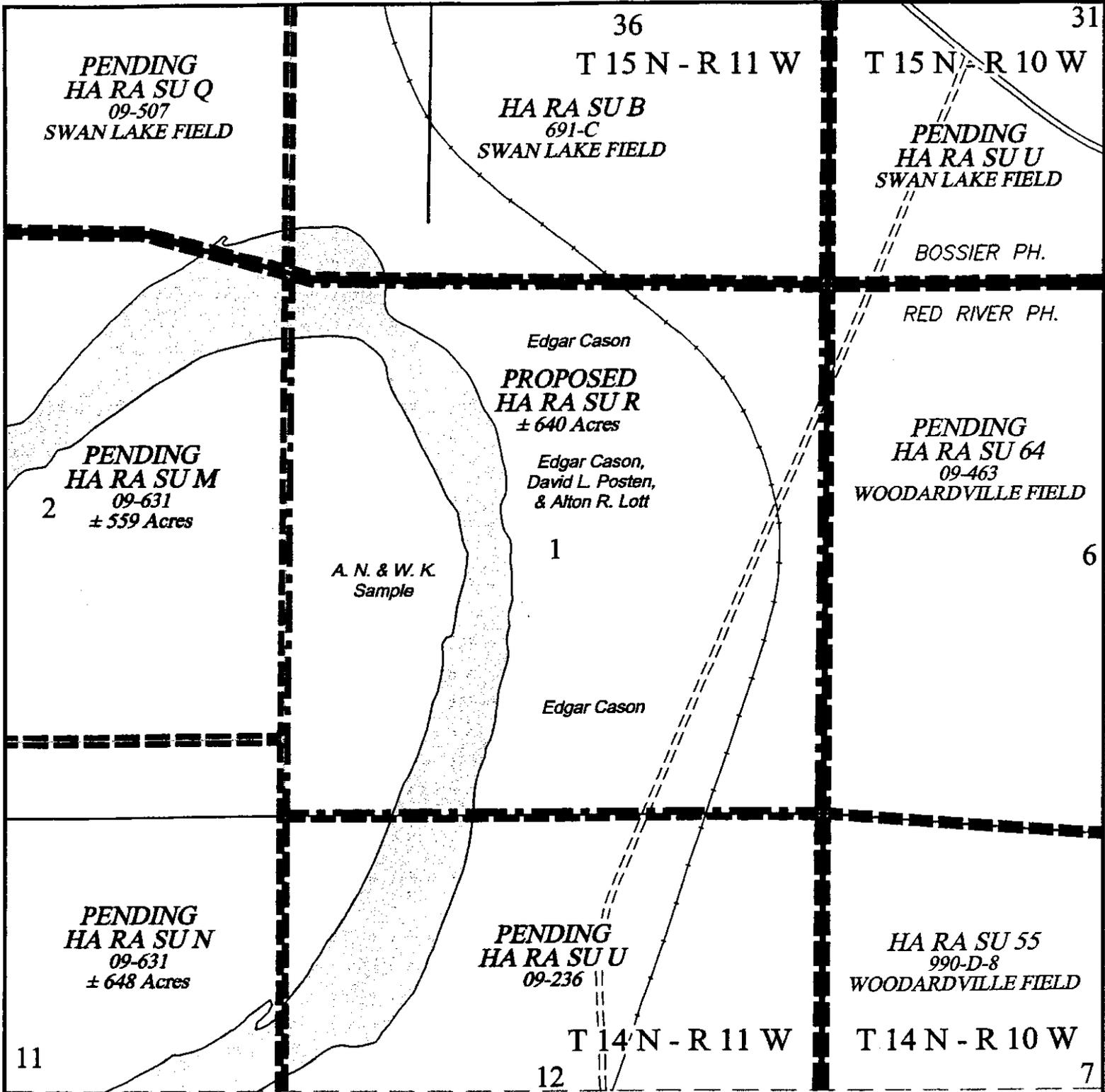
----- : PROPOSED UNIT      - - - - - : EXISTING / PENDING UNITS

GEOLOGIST: CRAIG C. BARCLAY



ONLY WELLS > 4000' TD SHOWN

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PENDING  
HA RA SU Q  
09-507  
SWAN LAKE FIELD

36  
T 15 N - R 11 W  
HA RA SU B  
691-C  
SWAN LAKE FIELD

31  
T 15 N - R 10 W  
PENDING  
HA RA SU U  
SWAN LAKE FIELD

BOSSIER PH.

RED RIVER PH.

Edgar Cason  
PROPOSED  
HA RA SU R  
± 640 Acres

PENDING  
HA RA SU 64  
09-463  
WOODARDVILLE FIELD

2  
PENDING  
HA RA SU M  
09-631  
± 559 Acres

Edgar Cason,  
David L. Posten,  
& Alton R. Lott

A. N. & W. K.  
Sample

1  
Edgar Cason

11  
PENDING  
HA RA SU N  
09-631  
± 648 Acres

PENDING  
HA RA SU U  
09-236

HA RA SU 55  
990-D-8  
WOODARDVILLE FIELD

T 14 N - R 11 W

T 14 N - R 10 W

**QUESTAR**  
EXPLORATION AND PRODUCTION COMPANY

**THORN LAKE FIELD**  
RED RIVER PARISH, LOUISIANA  
PROPOSED  
HAYNESVILLE ZONE RESERVOIR A UNIT  
HA RA SU R

--- : PROPOSED UNIT

--- : EXISTING / PENDING UNITS

GEOLOGIST: CRAIG C. BARCLAY



ONLY WELLS > 4000' TD SHOWN