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May 7, 2009

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When calling relative to this  
matter, refer to file No. 1965

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 authorize Questar Exploration and Production Company to drill, designate and utilize three alternate unit wells on CV RA SUM at the locations and in the general manner shown the plat attached hereto and made a part hereof, or within one hundred feet of the paths and bottom hole locations shown, provided that there are no perforations in any wellbore closer than 330 feet to any unit boundary;
2. To authorize Questar Exploration and Production Company to drill, designate and utilize three alternate unit wells on HA RA SUF at the locations and in the general manner shown the plat attached hereto and made a part hereof, or within one hundred feet of the paths and bottom hole locations shown, provided that there are no perforations in any wellbore closer than 330 feet to any unit boundary;
3. To authorize Questar Exploration and Production Company to drill, designate and utilize three alternate unit wells on HA RA SUI at the locations and in the general manner shown the plat attached hereto and made a part hereof, or within one hundred feet of the paths and bottom hole locations shown, provided that there are no perforations in any wellbore closer than 330 feet to any unit boundary;
4. To confirm that with respect to the proposed alternate unit wells that production casing will be run and cemented across the pool in which the well is to be perforated for production;
5. To establish that the proposed alternate unit wells are necessary to efficiently and economically drain a portion of the Cotton Valley Formation, Reservoir A, and the Haynesville Zone, Reservoir A, underlying the units on which they are to be located;

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6. To authorize the unit allowable for these units to be recovered from the existing wells on the units, the proposed alternate unit wells, or any combination thereof, at the discretion of the operator;
7. To grant such exceptions to the well spacing provisions of Order No. 1145, effective July 31, 1981, with respect to the Cotton Valley Formation, Reservoir A, and Order No. 1145-B, effective July 15, 2008, with respect to the Haynesville Zone, Reservoir A, as may be necessary with respect to the proposed alternate unit wells; and
8. 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, Caddo, DeSoto and Red River Parishes, Louisiana, was defined in Office of Conservation Order No. 1145, effective July 31, 1981.

The Haynesville Zone, Reservoir A, in the Thorn Lake Field, Caddo and Red River Parishes, Louisiana, was defined in Office of Conservation Order No. 1145-B, effective July 15, 2008.

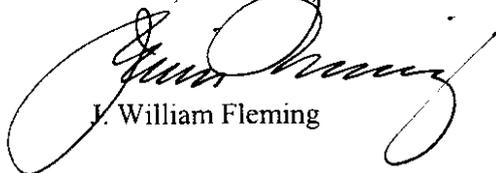
The subject matter of this application does not require the issuance of a pre-application notice.

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.

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 check for the required application fee.

Yours very truly,

COOK, YANCEY, KING & GALLOWAY

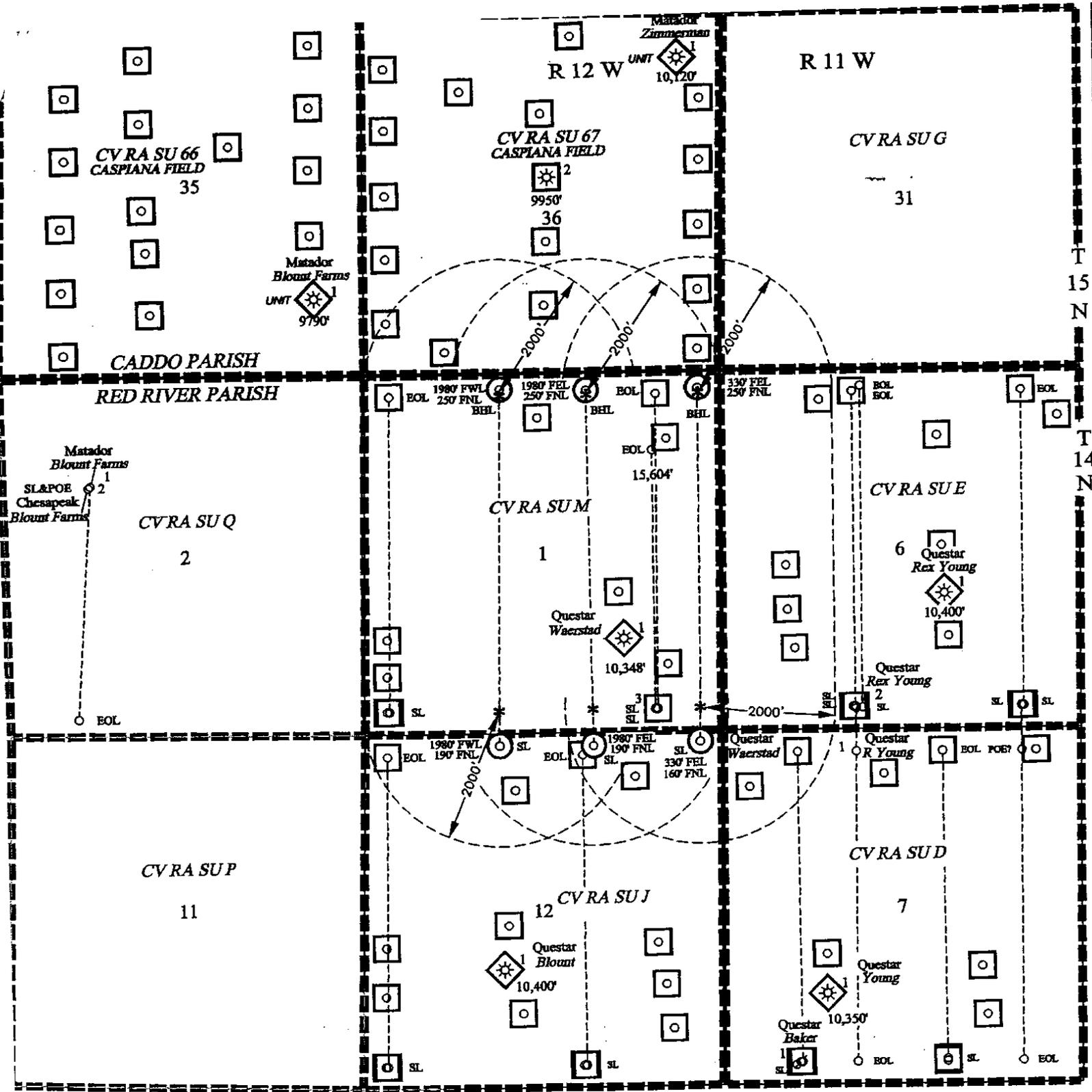


J. William Fleming

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 CO.**  
TULSA, OKLAHOMA

**THORN LAKE FIELD**  
RED RIVER PARISH, LOUISIANA

**PROPOSED ALTERNATE UNIT WELLS  
AT EXCEPTIONAL LOCATIONS FOR CV RA SU M**

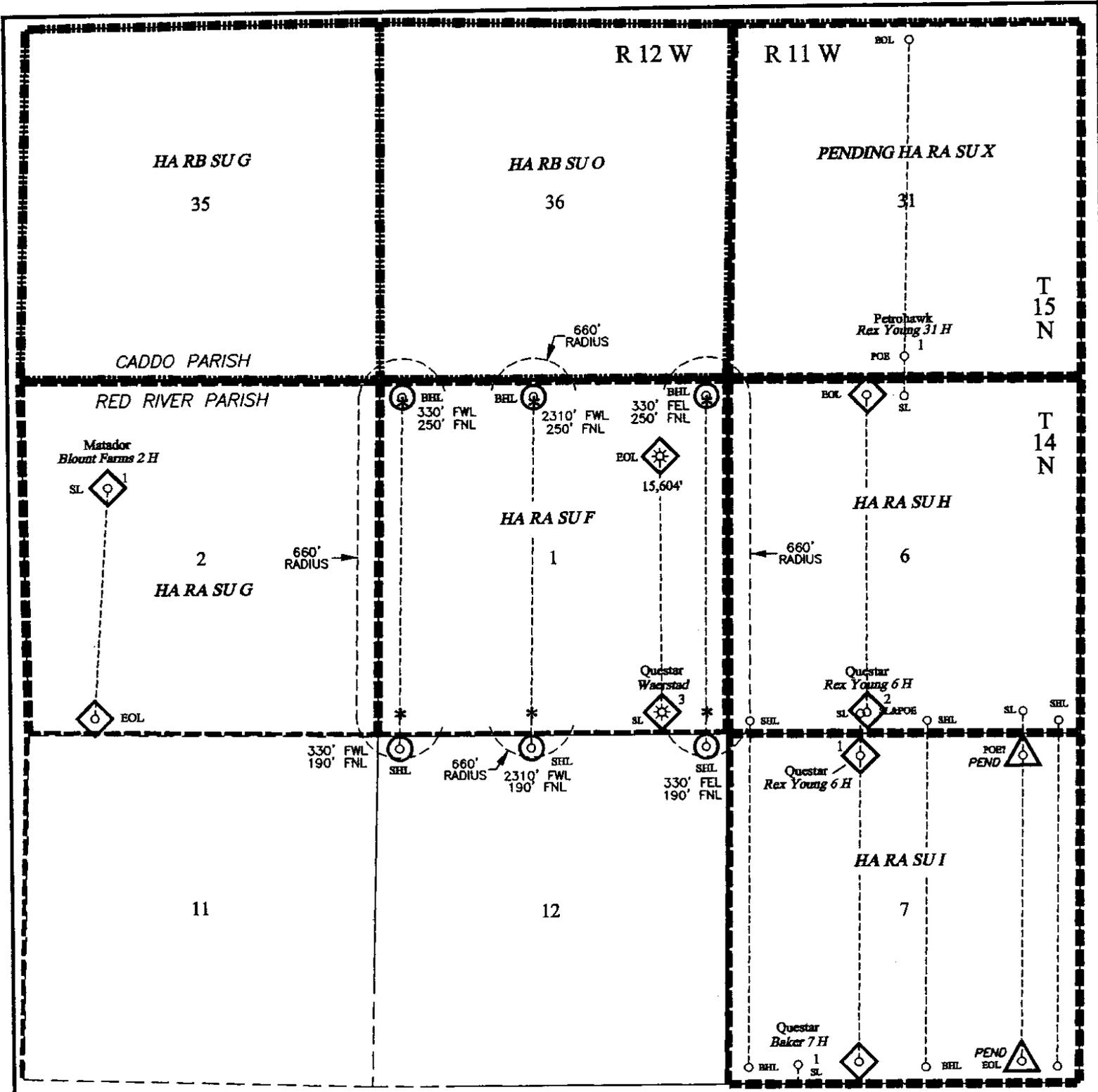
-  UNIT WELLS
-  : PROPOSED ALTERNATE UNIT WELLS
-  ALTERNATE UNIT WELLS
-  - - - - - EXISTING CV RA UNITS

GEOLOGIST: CRAIG C. BARCLAY



ONLY WELLS > 6000' TD SHOWN

\* NO PERFORATIONS  
CLOSER THAN  
330' TO UNIT LINE



**QUESTAR EXPLORATION AND PRODUCTION COMPANY**  
TULSA, OKLAHOMA

**THORN LAKE FIELD**  
RED RIVER PARISH, LOUISIANA

**PROPOSED ALTERNATE UNIT WELLS FOR  
HA RA SU F**

\* NO PERFORATIONS  
CLOSER THAN  
330' TO UNIT LINE

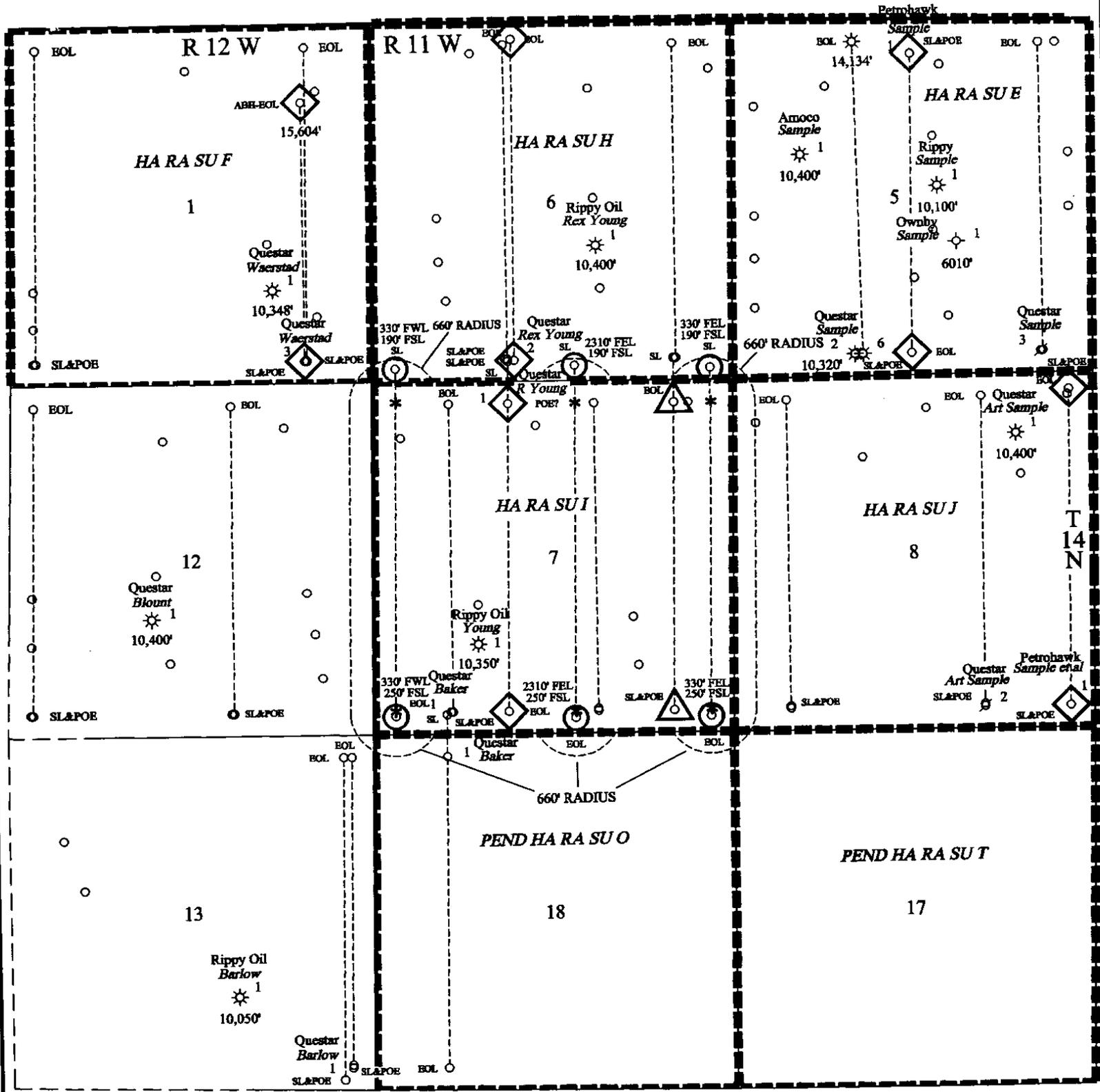
- HAYNESVILLE RESERVOIR A UNITS
- . - . - . HAYNESVILLE RESERVOIR B UNITS
- CASPIANA FIELD

- PROPOSED ALTERNATE UNIT WELLS
- ◇ UNIT WELLS
- △ ALTERNATE UNIT WELLS

GEOLOGIST: CRAIG C. BARCLAY



ONLY HAYNESVILLE WELLS SHOWN



**QUESTAR EXPLORATION AND PRODUCTION CO.**  
TULSA, OKLAHOMA

**THORN LAKE FIELD**  
RED RIVER PARISH, LOUISIANA  
**PROPOSED**  
**ALTERNATE UNIT WELLS**  
**FOR HA RA SU I**

\* NO PERFORATIONS  
CLOSER THAN  
330' TO UNIT LINE

- : HAYNESVILLE RES A UNIT WELLS
- : PROPOSED ALTERNATE UNIT WELLS
- : ALTERNATE UNIT WELLS
- : EXISTING / PENDING HA RA UNITS

GEOLOGIST: CRAIG C. BARCLAY



ONLY WELLS > TOP HAYNESVILLE SHOWN