

COOK, YANCEY, KING & GALLOWAY

A PROFESSIONAL LAW CORPORATION
333 TEXAS STREET, SUITE 1700
POST OFFICE BOX 22260
SHREVEPORT, LOUISIANA 71120-2260
www.cookyancey.com

J. William Fleming

Writer's Direct
(318) 227-7724
bill.fleming@cookyancey.com

August 13, 2009

TELEPHONE (318) 221-6277
TELECOPIER (318) 227-7850

When calling relative to this
matter, refer to file No. 2054

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
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, in the Thorn Lake Field, Red River Parish, Louisiana:

1. To authorize Questar Exploration and Production Company to drill, designate and utilize two (2) horizontal laterals as alternate unit wells for CV 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;
2. To authorize Questar Exploration and Production Company to drill, designate and utilize three (3) horizontal laterals as alternate unit wells for CV RA SUK 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 confirm that with respect to horizontal wells drilled to the Cotton Valley Formation, Reservoir B, within or to serve CV RA SUF and CV RA SUK, that production casing should be run and cemented across the pool in which the wells are to be perforated for production and where the horizontal lateral portion of the wells are cased and cemented back above the top of the Cotton Valley Formation, Reservoir A, the distance to any unit boundary and any offset well(s) should be calculated based on the distance to the nearest perforation in the well and not based on the penetration point or terminus;
4. To establish that the proposed alternate unit wells are necessary to efficiently and economically drain a portion of the Cotton Valley Formation, Reservoir A, underlying CV RA SUF and CV RA SUK;

COOK, YANCEY, KING & GALLOWAY

Office of Conservation
August 13, 2009
Page 2

5. To authorize the unit allowable for these units to be recovered from the existing unit wells on the units, or the proposed alternate unit wells, or any combination thereof, at the discretion of the operator; and
6. 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 and Red River Parishes, Louisiana, was defined in Office of Conservation Order No. 1145, effective July 31, 1981.

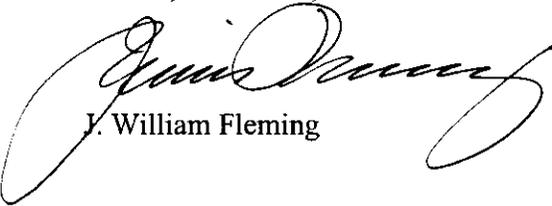
The subject matter of this application does not require the issuance of a pre-application notice.

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,

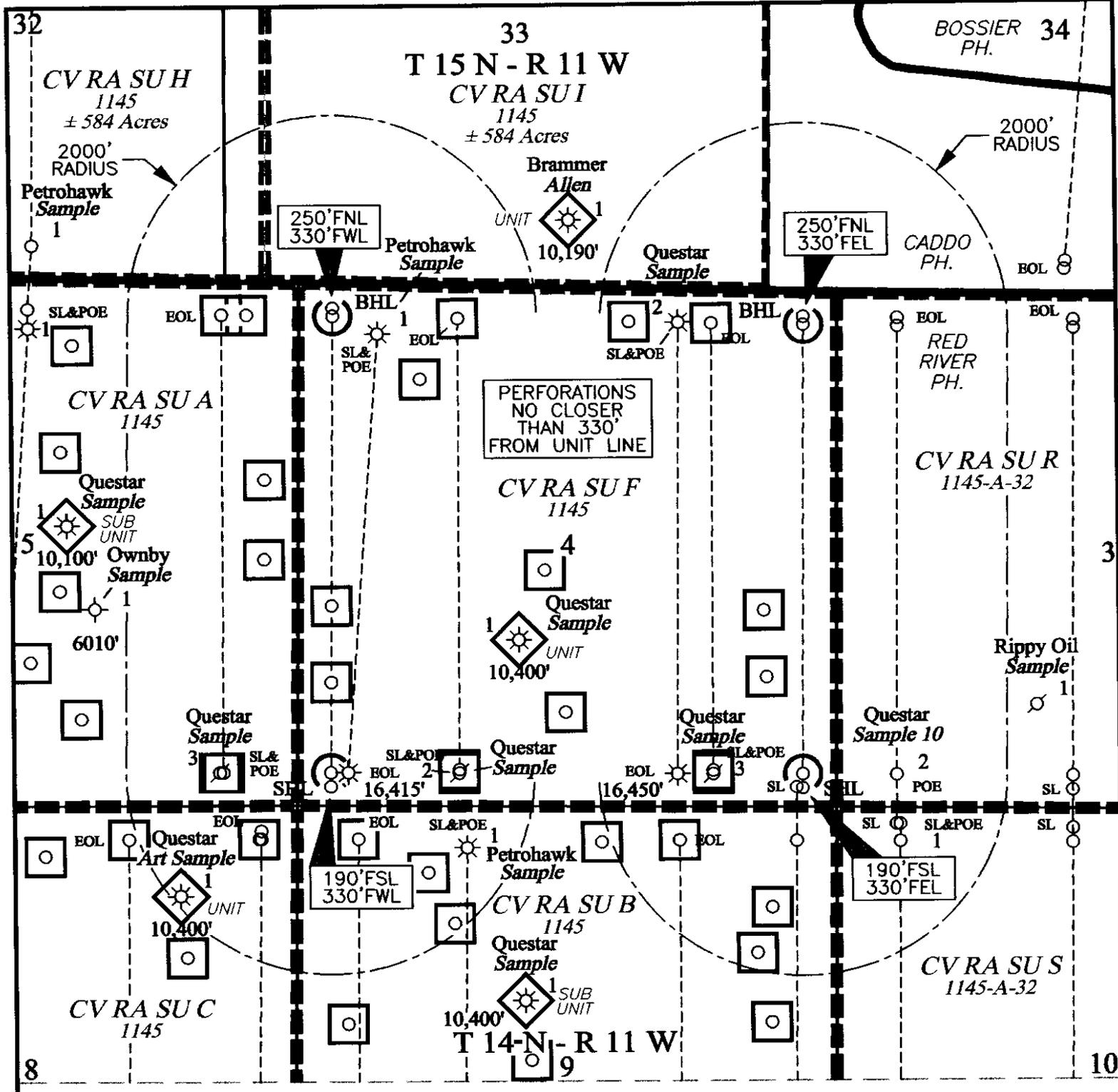
COOK, YANCEY, KING & GALLOWAY


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 COMPANY

THORN LAKE FIELD
RED RIVER PARISH, LOUISIANA
PROPOSED ALTERNATE UNIT WELLS
AT EXCEPTIONAL LOCATIONS FOR
CV RA SU F

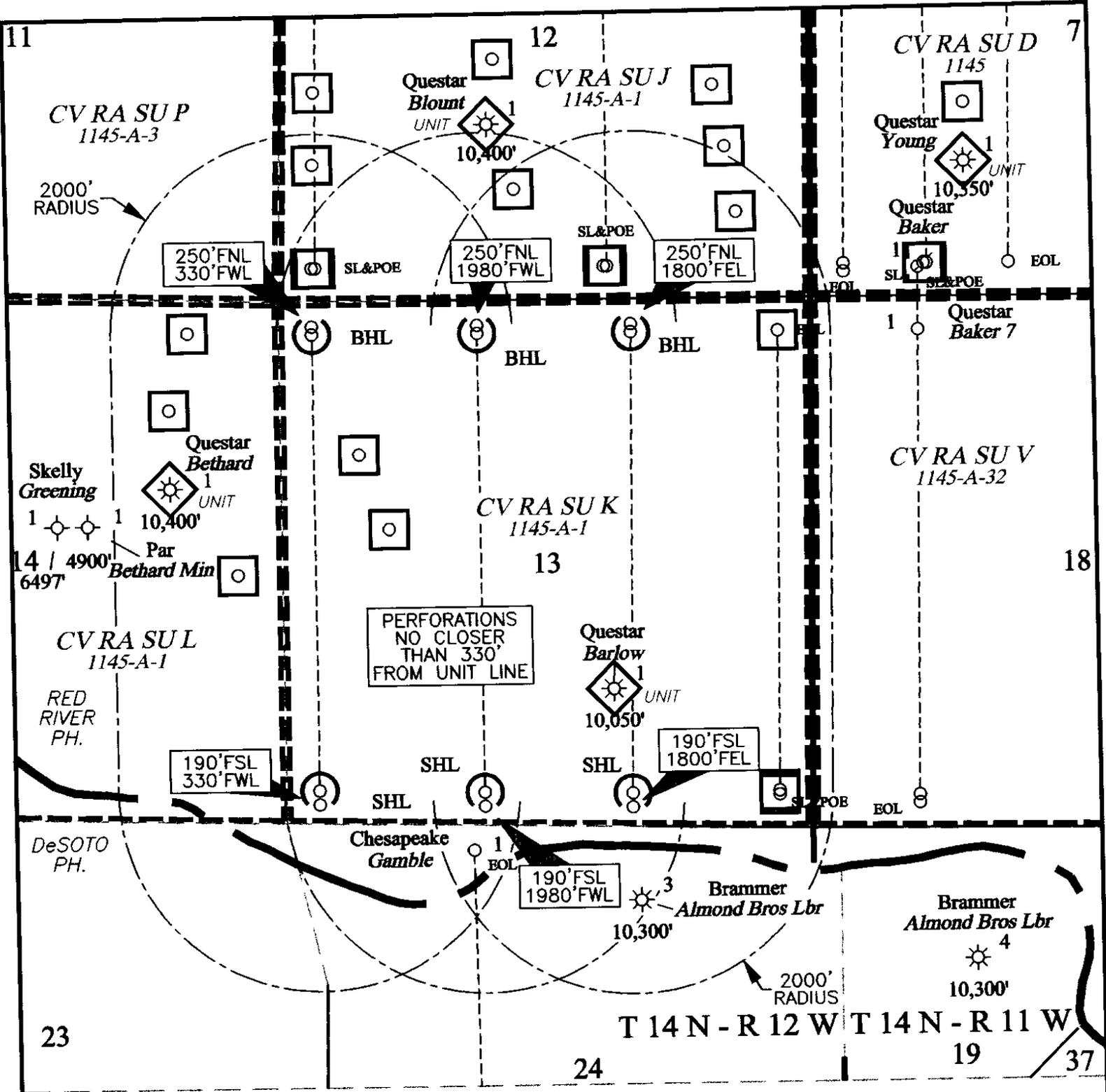
- : EXISTING UNITS
- : EXISTING CV RESERVOIR A UNIT AND SUB UNIT WELLS
- : EXISTING CV RESERVOIR A ALTERNATE UNIT WELLS
- : PROPOSED ALTERNATE UNIT WELLS



GEOLOGIST: CRAIG C. BARCLAY

ONLY WELLS > 4000' TD SHOWN

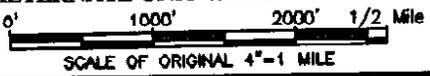
ANDY - C:\V_2008\QUESTAR\4+-14-11.dwg



QUESTAR
EXPLORATION AND PRODUCTION COMPANY

THORN LAKE FIELD
RED RIVER PARISH, LOUISIANA
PROPOSED ALTERNATE UNIT WELLS
AT EXCEPTIONAL LOCATIONS FOR
CV RA SU K

- : EXISTING CV RESERVOIR A UNIT AND SUB UNIT WELLS
- : PROPOSED ALTERNATE UNIT WELLS
- : EXISTING CV RESERVOIR A ALTERNATE UNIT WELLS



GEOLOGIST: CRAIG C. BARCLAY

ONLY WELLS > 4000' TD SHOWN

ANDY - C:\V_2008\QUESTAR\13+-14_-12.dwg