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April 10, 2008

WM. TIMOTHY ALLEN, III

Direct: 318.934.0217

Email: tallen@bwar.com

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

RE: HEARING APPLICATION
Cotton Valley Formation, Reservoir A
Thorn Lake Field
Red River and DeSoto Parishes, Louisiana
Our File No. 430071.120

Dear Sir:

On behalf of QUESTAR EXPLORATION AND PRODUCTION COMPANY, application is hereby made for a public hearing to receive evidence concerning the issuance of an order pertaining to the following matters relating to the Cotton Valley Formation, Reservoir A, in the Thorn Lake Field, Red River and DeSoto Parishes, Louisiana:

1. To permit the applicant to drill, designate and utilize three (3) alternate unit wells in CV RA SUA and two (2) alternate unit wells in each of the following units: CV RA SUB, CV RA SUC, CV RA SUD, CV RA SUE, CV RA SUF, CV RA SUJ, CV RA SUL and CV RA SUM, at the locations shown on the plats attached hereto, in exception to the well spacing provisions of Order No. 1145, effective July 31, 1981;
2. To explicitly find that the proposed alternate unit wells are in the interest of conservation and are necessary to drain a portion of the Cotton Valley Formation, Reservoir A, in the Thorn Lake Field underlying the above referenced units, which cannot be efficiently and economically drained by any existing well in such units.
3. To consider such other matters as may be appropriate and justified by the evidence presented at the hearing.

The Cotton Valley Formation, Reservoir A, in the Thorn Lake Field, Caddo and Red River Parishes, Louisiana, is fully defined in Order No. 1145, effective July 31, 1981.

Commissioner of Conservation
April 10, 2008
Page 2

The Rules of Procedure of the Commissioner of Conservation pertaining to the Pre-Application Notice requirements, are not applicable to the hearing requested herein, which requires legal notice of only ten (10) days.

Pertinent data concerning the intended application will be made available for inspection at the offices of the undersigned. Any person wishing to inspect such data should call the undersigned at (318) 221-6858 during normal business hours or write the undersigned at the above address in order to arrange a date and time for such inspection. A copy of any such pertinent data can be obtained at the expense of the requesting party.

A list of the names and addresses of all Interested Owners, Represented Parties and Interested Parties (as defined in the Rules of Procedure) is attached hereto, and a copy of this notice, with the annexed plats, is being sent to each of such persons. A reasonable effort has been made to determine that the enclosed list includes all of the persons to whom this notice must be sent under the Rules of Procedure.

A check in the amount of \$6,795.00 made payable to the Commissioner of Conservation is enclosed herewith as the statutory fee for holding the requested hearing.

This application is being filed in duplicate, and a copy hereof is being sent to Mr. James C. Broussard, Shreveport District Manager of the Office of Conservation, to each Interested Owner, Represented Party and Interested Party whose name is shown on the attached list and to the Pre-Application Conference Attendees.

Very truly yours,

BLANCHARD, WALKER, O'QUIN & ROBERTS

By: 
Wm. Timothy Allen III
Attorneys for Questar Exploration and Production Company

WTAIM:kmw
Enclosures

cc: Mr. James C. Broussard
Office of Conservation, Shreveport District Manager, La. (w/enclosures)
cc: Interested Owners, Represented Parties
and Interested Parties (w/copy of plats)

32

R11W

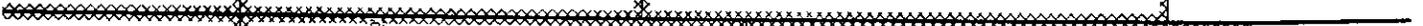
33

34

SUG

CV RA SUH

CV RA SUI



1780' 330' BHL

QUESTAR (AMOCO) Sample #5 S.I. 10400' SN/165726

QUESTAR Sample #1 10100' SN/231784

4

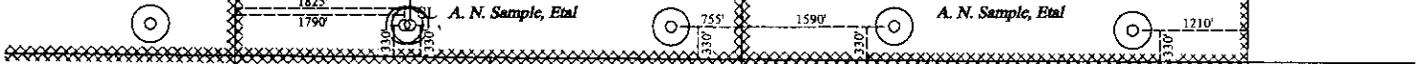
QUESTAR Sample #1 10400' SN/236583

QUESTAR Rex Young #1 10400' SN/235626

SUE

CV RA SUA

CV RA SUF



1825' 1790' 330' A. N. Sample, Etal

755' 1590' 330' A. N. Sample, Etal

1210' 330'

QUESTAR Art Sample #1 10400' SN/236162

QUESTAR Sample #1 10400' SN/236692

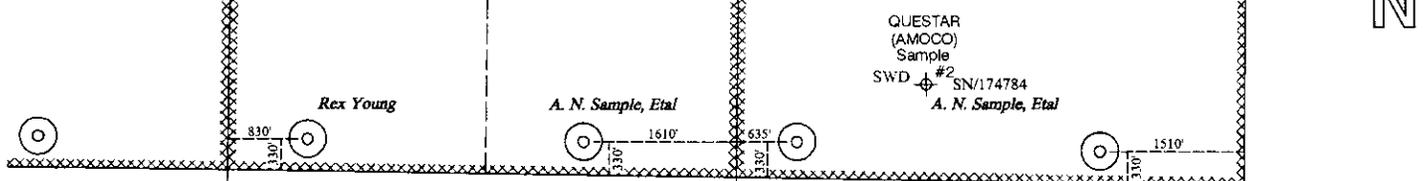
8

9

SUD

CV RA SUC

CV RA SUB



Rex Young

A. N. Sample, Etal

QUESTAR (AMOCO) Sample SWD #2 SN/174784 A. N. Sample, Etal

830' 130' 1610' 330' 635' 1510' 330'

T
14
N

17

16

-  Former Unit Well
-  Current Unit Well
-  Proposed Alternate Unit Well



QUESTAR EXPL. & PROD. COMPANY

THORN LAKE FIELD
RED RIVER PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELLS
COTTON VALLEY, RESERVOIR A

DOCKET NO. 08-

EXHIBIT NO.1

R12W

36

R11W

31

CV RA SUM

1

CV RA SUE

Kennedy Saw Mills

6

QUESTAR
(AMOCO)
Sample
#5
S.I.
10400
SN/165726

BHL

HORIZONTAL

CV

QUESTAR
WAERSTAD
#1
10348'
SN/233258

QUESTAR
Rex Young
#1
10400'
SN/235626

K.R. Waerstad

Rex Young

K.R. Waerstad

CV RA SUJ

12

CV RA SUD

Rex Young

7

Cannisina Plantation

Rex Young

QUESTAR
Blount
#1
10400'
SN/234874

QUESTAR
Young
#1
10350'
SN/232766

Bethard
State
Of La.

Blount Farms

Blount

Baker

Bethard
State
Of La.

CV RA SUK

13

SUL

QUESTAR
Bethard
#1
10400'
SN/233911

Blount

Baker

Rex Young

Rex Young

CV

T
14
N

18



Former Unit Well



Current Unit Well



Proposed Alternate Unit Well



QUESTAR EXPL. & PROD. COMPANY

THORN LAKE FIELD
RED RIVER PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELLS
COTTON VALLEY, RESERVOIR A

DOCKET NO. 08-

EXHIBIT NO.1

R12W

CV RA SUM

QUESTAR
WAERSTAD
#1
10948'
SN/233258

CV RA SUJ

QUESTAR
Blount
#1
10400'
SN/234874

10

11

12

QUESTAR
Bethard
#1
10400'
SN/233911

Bethard Corp.

CV RA SUL

CV RA SUK

QUESTAR
Barlow
#1
10050'
SN/231617

Pintail Properties, LLC

Laffite Hrs., Etal

RED RIVER PH.
DESOTO PH.

15

14

13

T
14
N

22

23

24



Current Unit Well



Proposed Alternate Unit Well



QUESTAR EXPL. & PROD. COMPANY

THORN LAKE FIELD
DESOTO & RED RIVER PARISHES, LOUISIANA

PROPOSED ALTERNATE UNIT WELLS
COTTON VALLEY, RESERVOIR A

DOCKET NO. 08-

EXHIBIT NO.1