

BOB F. ANDERSON, PE, INC.
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March 7, 2004

Honorable James H. Welsh,
Commissioner of Conservation
Office of Conservation
P. O. Box 94275
Baton Rouge, LA 70804-4275

Re: **APPLICATION FOR PUBLIC HEARING**
Proposed Additional Alternate Unit Wells
Hosston Zone, Reservoir A
HOSS RA SU 110, and
Cotton Valley Formation, Reservoir A
CV RA SU 122, and
Lower Cotton Valley Zone, Reservoir A
LCV RA SU FF
Elm Grove Field, Bossier Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of **SAMSON RESOURCES COMPANY**, (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 Hosston Zone, Reservoir A, Cotton Valley Formation, Reservoir A and the Lower Cotton Valley Zone, Reservoir A, Elm Grove Field, Bossier Parish, Louisiana.

1. To permit the applicant to drill, designate and utilize two (2) alternate unit wells for the production of gas and condensate from the Hosston Zone, Reservoir A, the Cotton Valley Formation, Reservoir A and the Lower Cotton Valley Zone, Reservoir A, in the units designated HOSS RA SU110, CV RA SU122 and the LCV RA SUFF, Elm Grove Field, Bossier Parish, Louisiana, such units and wells being shown on the attached plat and being made a part hereof.
2. To find that alternate unit wells are needed to drain a portion of each unit that cannot be drained by any other well located therein.
3. To permit the unit operator to produce the unit allowable from the unit well, the alternate unit wells or from a combination of all wells at its discretion.
4. To consider and cover such other matters as the Commissioner of Conservation may deem pertinent and appropriate.

Honorable James H. Welsh,
Commissioner of Conservation
Elm Grove Field
2

The Hosston Zone, Reservoir A, was defined in the 361-A Series of Office of Conservation Orders, the Cotton Valley Formation, Reservoir A, was defined in the 361-B Series of Office of Conservation Orders and the Lower Cotton Valley Zone, Reservoir A, was defined in Office of Conservation Order No. 361-E, effective July 16, 1996, all in the Elm Grove Field, Caddo Parish, Louisiana.

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 hearing 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 notice of this application is being sent. A copy of this letter and the attached plat is being sent to the District Manager of the Shreveport District Office of Conservation and to the Interested Owners, Represented Parties and the Interested Parties as shown on the attached list. The legal notice will be posted and published in a newspaper of general circulation in the area of the field.

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

Yours truly,



B. F. Anderson, PE for
SAMSON RESOURCES COMPANY

cc: Mr. James Broussard, District Manager Shreveport District Office of Conservation (w/encl.)
Interested Owners, Represented Parties and Interested Parties 9wo/encl.)
Mr. Doug Black, Samson Resources Company

T 16 N - R 11 W

HOSS RA SU 46
CV RA SU 46
LCV RA SU BB

29

HOSS RA SU 109
CV RA SU 121
LCV RA SU CC

28

Samson
Bohew
CV UNIT 1
9490'

27
HOSS RA SU 130
CV RA SU 123
LCV RA SU 81

HOSS RA SU 47
CV RA SU 47
LCV RA SU EE

McAlester Fuel Mc
Hodges, M.B.

1A

4592

32

HOSS RA SU 110
CV RA SU 122
LCV RA SU FF

Samson
Elm Grove Plnt'n 33

1-Alt

381'

2000'

2022'

1980'

660'

Samson
Glasscock 33

Samson
Glasscock
LCV UNIT 1
9570'

HOSS RA SU
CV RA SU 115
LCV RA SU

34

Texas General Pet
Taylor, Tommy

1 FMR CV UNIT
9400'

1 CV UNIT
9350'

Texas General
T. Taylor

Hurley
R. E. Smith

5915' 1
Amoco Prod. Co.
Smith Tr.

1 CV UNIT
9671'

HOSS RA SU 112
CV RA SU 108
LCV RA SU HH

5

Tenneco
White, J.T.
1
9510

HOSS RA SU 111
CV RA SU 107
LCV RA SU II

4

Petrochem
Brown
1 CV UNIT
9600'

Petrochem
Flat River Farms
1 CV UNIT
9737'

HOSS RA SU
CV RA SU 119
LCV RA SU

3

9400' 2
6517' 1
Gulf
Bandow, R.L.

T 15 N - R 11 W

SAMSON RESOURCES COMPANY

TULSA, OKLAHOMA

ELM GROVE FIELD

BOSSIER PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELLS
AT EXCEPTIONAL LOCATION
HOSS RA SU 110, CV RA SU 122, & LCV RA SU FF

- : EXISTING UNITS
- ⊙ : PROPOSED LOCATIONS
- ⬡ : EXISTING HOSSTON RESERVOIR A UNIT AND ALTERNATE UNIT WELLS
- ⊠ : EXISTING COTTON VALLEY RESERVOIR A UNIT AND ALTERNATE UNIT WELLS
- ⬢ : EXISTING LOWER COTTON VALLEY RESERVOIR A UNIT AND ALTERNATE UNIT WELLS

