

COMMINGLING 82-3-123

OPERATOR Ritchie Exploration, Inc. DOCKET # C01105-02 DATE 10/10/2005
 ADDRESS P.O. Box 783188 OPERATOR LICENSE # 4767
Wichita, KS 67278-3188 API NO. 15 - ~~495-21342~~ 051-30393-000
 LEASE STAAB A WELL NO. 3
 QUARTER C W/2 E/2 NE SEC 17 TWP 13 RGE 17 E W

Nov. 24/05

- 1. Description of the well.
A plat showing:
 - a) Location of subject well.
 - b) Location of other wells on the lease.
 - c) Location of offsetting wells and operator's name.
- 2. Name and upper and lower limits of the source of supply involved.

(NAME)	<u>LKC</u>	(PERFS)	<u>3338.5' - 3436.5'</u>
(NAME)	<u>Arbuckle</u>	(PERFS)	<u>3591' - 3595'</u>
(NAME)	<u> </u>	(PERFS)	<u> </u>
(NAME)	<u> </u>	(PERFS)	<u> </u>

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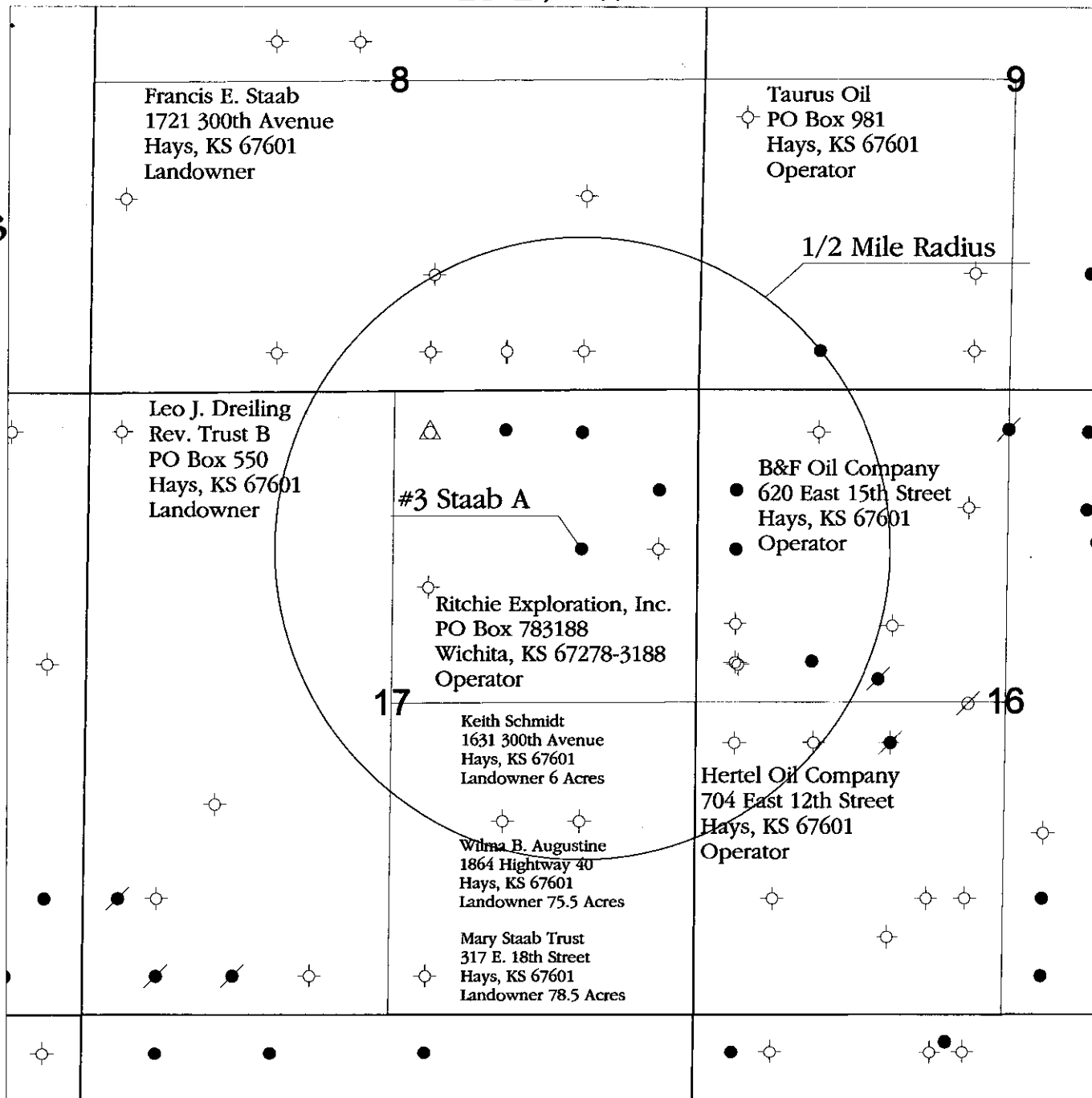
- 3. Wireline log of the subject well.
- 4. A completed ACO-1 form
- 5. Expected production, oil-gas-water, for each source of supply.

FORMATION	<u>LKC</u>	BOPD	<u>39.50</u>	MCF	<u> </u>	BWPD	<u>6.00</u>
FORMATION	<u>Arbuckle</u>	BOPD	<u>3.50</u>	MCF	<u> </u>	BWPD	<u>99.00</u>
FORMATION	<u> </u>	BOPD	<u> </u>	MCF	<u> </u>	BWPD	<u> </u>
FORMATION	<u> </u>	BOPD	<u> </u>	MCF	<u> </u>	BWPD	<u> </u>
FORMATION	<u> </u>	BOPD	<u> </u>	MCF	<u> </u>	BWPD	<u> </u>
ESTIMATED COMBINED TOTAL		BOPD	<u>43.00</u>	MCF	<u> </u>	BWPD	<u>105.00</u>


- 6. Application shall be supported by an affidavit and shall contain a certificate showing service of a copy of the application without attachments to the offsetting operators. You are responsible for this. Unless waivers are obtained, applications are held for fifteen days to give the offsetting operators time to file objections. If waivers are obtained, applications can be processed immediately. If objections are filed, applications are set for hearing.

R 17 W

T
13
S



- Legend**
- OIL Well
 - ⊗ Abandoned Oil Well
 - ⊕ Dry and Abandoned Well
 - △ Service Well
 - ⊙ Temporarily Abandoned Well
 - ⊘ Abandoned Location



RITCHIE
EXPLORATION, INC.
Wichita, Kansas

#3 Staab A
3960' FSL 990' FEL
Sec. 17-13S-17W

Commingle Application Plat
Operators, Lessee Of Record, Landowners Within 1/2 Mile Radius
Ellis County, Kansas

Prepared By: Justin Clegg	Scale: 1 : 15,840	Date: October 10, 2005
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**#3 Staab A
NE/4 Sec. 17-13S-17W
Ellis Co., KS
Commingle Application Attachment**

(offsetting operator's name & address, or landowner's name & address)

13S-17W

Sec. 8	S/2	Francis E. Staab 1721 300 th Avenue Hays, KS 67601	landowner
Sec. 9	SW/4	Taurus Oil PO Box 981 Hays, KS 67601	operator: Staab A Lease
Sec. 16	NW/4	B & F Oil Company 620 East 15 th Street Hays, KS 67601	operator: Cecilia Walters Lease
	SW/4	Hertel Oil Company 704 East 12 th Street Hays, KS 67601	operator: Frank A. Schmidt Lease
Sec. 17	W/2	Leo J. Dreiling Rev. Trust B PO Box 550 Hays, KS 67601	landowner
	SE/4	6 ac: Keith Schmidt 1631 300 th Avenue Hays, KS 67601	landowner
		75.5 ac. Wilma B. Augustine 1864 Highway 40 Hays, KS 67601	landowner
		78.5 ac Mary Staab Trust 317 E. 18 th Street Hays, KS 67601	landowner

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KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR
BRIAN J. MOLINE, CHAIR
ROBERT E. KREHBIEL, COMMISSIONER
MICHAEL C. MOFFET, COMMISSIONER

December 8, 2005

John Niernberger
Ritchie Exploration Inc.
PO Box 793188
Wichita KS 67278-3188

RE: **Approved Commingling CO 110502**
Staab A #3, Sec. 17, T.13S, R. 17W, Ellis County, Kansas
API No. ~~15-051-21342-00-00~~ **15-051-30393-00-01**

Dear Mr. Niernberger:

Your "Application for Commingling" (ACO-4) for the above described well has been technically reviewed and approved by the Kansas Corporation Commission (KCC) per **K.A.R. 82-3-123a**. This application, which was received by the KCC on **November 7, 2005** concerns approval to simultaneously produce from the following **two** sources of supply through the same tubing string in the same wellbore: the **Lansing-Kansas City** and the **Arbuckle** formations.

According to your application, the estimated current production from the **Lansing-Kansas City** source of supply is **39.5 BOPD** and **6 BWPD**. The estimated current production from the **Arbuckle** source of supply is **3.5 BOPD** and **99 BWPD**. The total estimated current production from all sources of supply in the subject well is **43 BOPD** and **105 BWPD**. Included in this application was operator verification that the offset operators had been formally notified of this application. No protest had been filed within the 15-day protest period.

Based upon the depth of the **Arbuckle** formation perforations, total oil production shall not exceed **100BOPD** and total gas production shall not exceed **50%** of open flow.

Docket Number **CO 110507** has been assigned to this approved application. Please use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,



Robert Petersen
Geologist/KCC Production

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110502.doc