

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1235185

Form ACO-4 Form must be typed March 2009

APPLICATION FOR COMMINGLING OF Commingling ID # _ PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERAT	TOR: License #	API No. 15		
Name:_		Spot Description:		
Address	1:		Sec Twp	_S. R East West
Address	2:		Feet from No	orth / South Line of Section
City:			Feet from Ea	st / West Line of Section
Contact	Person:	County:	_	
Phone:	()	Lease Name:	Wel	l #:
1.	Name and upper and lower limit of each production interval to	be commingled:		
	Formation:	(Perfs):		
2.	Estimated amount of fluid production to be commingled from e			
	Formation:	BOPD:	MCFPD:	BWPD:
	Formation:			BWPD:
	Formation:			BWPD:
	Formation:	BOPD:	MCFPD:	BWPD:
	Formation:	BOPD:	MCFPD:	BWPD:
□ 3.□ 4.	Plat map showing the location of the subject well, all other well the subject well, and for each well the names and addresses of Signed certificate showing service of the application and affidation	of the lessee of record or op	perator.	ses within a 1/2 mile radius of
For Con	nmingling of PRODUCTION ONLY, include the following:			
<u> </u>	Wireline log of subject well. Previously Filed with ACO-1:	Yes No		
6.	Complete Form ACO-1 (Well Completion form) for the subject	well.		
	. , , , , ,			
For Con	nmingling of FLUIDS ONLY, include the following:			
7.	Well construction diagram of subject well.			
8.	Any available water chemistry data demonstrating the compati	ibility of the fluids to be com	nmingled.	
current ir mingling	VIT: I am the affiant and hereby certify that to the best of my nformation, knowledge and personal belief, this request for comistrue and proper and I have no information or knowledge, which sistent with the information supplied in this application.	S	ubmitted Electron	ically
l —	C Office Use Only			t in the application. Protests must be e filed wihin 15 days of publication of

Date: _

Denied Approved

15-Day Periods Ends:

Approved By:

Exhibit "A"

Knoll 26-1 APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS

Plat Map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within ½ mile radius of the subject well.

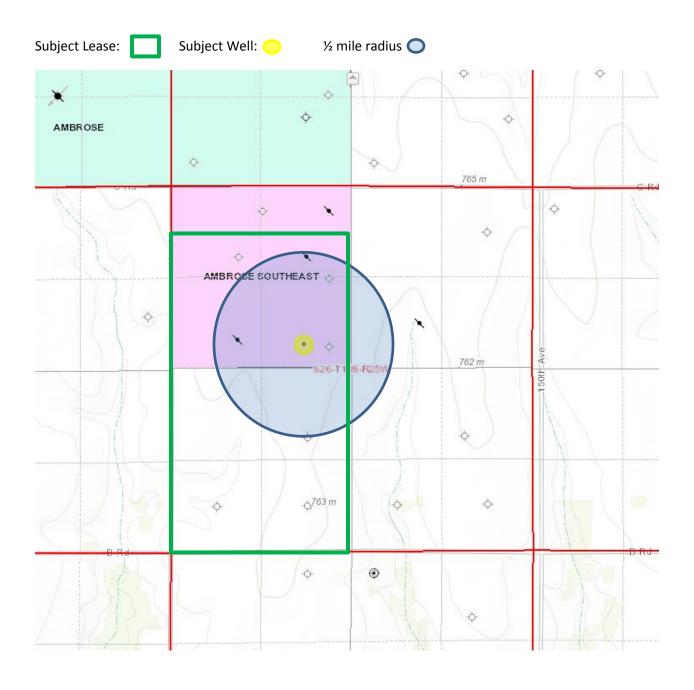


Exhibit "A" Knoll 26-1 APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS

Names and Addresses of Unleased Mineral Owners and Operators within ½ Mile

Andrew Knoll 2734 Hall St. Apt 213 Hays, KS 67601

Frank Brungart 1330 140th Ave. Morland, KS 67650

CERTIFICATE OF SERVICE

I hereby certify on this 13th day of January, 2015, true and correct copies of the above and foregoing Application and the Notice of Application were served by depositing copies of the same in the United States Mail, postage prepaid, and properly addressed to the mineral owners and operators set forth in Exhibit "A" attached to the Commingling Application filed by Applicant.

Dean Anderson

CEO

Anderson Exploration, LLC

168 S. Lark Ln.

Wichita, KS 67209

First Published In The Hill City Times, Wednesday, January 7, 2015:

Before the State Corporation Commission of the State of Kansas in the matter of the Application of Anderson Exploration, LLC, for comingling of production in the Knoll location in the E2 SW SE NW S26-T25S-R25W in Graham County, Kansas.

Conservation Division License No. 34991

Notice of Application and Hearing

To all oil and gas producers, unleased mineral interest owners, landowners, and all persons whomsoever concerned you, and each of you, are hereby notified that Anderson Exploration, LLC has filed an application to comingle the Lansing-Kansas City and Toronto producing formations at the Knoll, located 2310' from the north line and 1950' from the east line of S26-T25S-R25W, Graham County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen days from the date of the publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the state of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Dean Anderson Anderson Exploration, LLC 168 S. Lark Ln Wichita, KS 67209 Telephone: 316.841.7363

28-1

AFFIDAVIT OF PUBLICATION State of Kansas, County of Graham, ss:

JIM LOGBACK, of lawful age, being duly sworn, upon oath states that he is publisher of THE HILL CITY TIMES;

THAT said newspaper has been published weekly at least fifty (50) times a year and has been published at least five (5) years in Graham County, Kansas prior to the first publication of the attached notice;

THAT said newspaper has a general PAID circulation in GRAHAM COUNTY, KANSAS, and is NOT a trade, religious or fraternal publication.

THAT said newspaper is PRINTED IN KANSAS and PUBLISHED in GRAHAM COUNTY, KANSAS, and entered as second class mail matter at the post office of its publication in HILL CITY, KANSAS;

AFFIDAVIT

STATE OF KANSAS

- SS.

County of Sedgwick

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for _1_ issues, that the first publication of said notice was

made as aforesaid on the 13th

January A.D. 2015, with

subsequent publications being made on the following dates:

January 13, 2015

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Fletchall

Subscribed and sworn to before me this

13th day of January, 2015

JENNIFER RAE BAILEY Notary Public -- State of Kansas My Appt. Expires

Notary Public Sedgwick County, Kansas

Printer's Fee: \$241.20

230 Legal Notices

3333621

Published in the Wichita Eagle 13 January, 2015
Before the State Corporation Commission of the State of Kansas in the matter of the Application of Anderson Exploration, LLC for comingling of production in the E2 SW SE NW S26 - T255 - R25W in Graham County, Kansas. Conservation Division License No. 34991 Notice of Application and Hearing To all oil and gas producers, unleased mineral interest owners, landowners, and all persons whomsoever concened you, and each of you, are hereby notified that Anderson Exploration, LLC has filed an application to comingle the Lansing Kansas City and Toronto producing formations at the Knoll, located 2310' from the north line and 1950' from the east line of S26 - T255 - R25W, Graham County, Kansas, Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State Corporation Commission of the State Gopporation Commission of the State G



Water Analysis Report

Attention:Brodie Pfannenstiel

Location Code: **158700** Sample ID: **AC96694** Batch ID: **141120095333**

Collection Date: 11/19/2014

Receive Date: 11/20/2014

Report Date: 11/24/2014

Temperature

	_	
Analyses	Result	Unit
Dissolved CO2	440	mg/L
Dissolved H2S	8	mg/L
рН	6.8	
Pressure	25	psi

100

Result

Cations	Result	Unit
Iron	327	mg/L
Manganese	3.48	mg/L
Barium	0.366	mg/L
Strontium	70.61	mg/L
Calcium	4552	mg/L
Magnesium	710.6	mg/L
Sodium	51812.42	mg/L

Anhydrite CaSO4 SI	-0.01
Barite BaSO4 PTB	0.1
Barite BaSO4 SI	0.27
Calcite CaCO3 PTB	118.3
Calcite CaCO3 \$I	0.34
Celestite SrSO4 PTB	8.0
Celestite SrSO4 SI	0.08
Gypsum CaSO4 SI	-0.05
Hemihydrate CaSO4 SI	-0.08
Saturation Index Calculation (Tomson-C	Oddo Model)

Scale Type

Customer: Anderson Exploration, LLC

Region: Not Available
Location: Gorham, KS
System: Production System
Equipment: Well Kanoll 26-1

Lab ID: **ABU-0055**

Sample Point: Well Head

Analyses	Result	Unit
Ionic Strength	2.72	
Resistivity	0.043	ohms - m
Total Dissolved Solids	149046.5	mg/L
Conductivity	232369	μS - cm3
Specfic Gravity	1.087	
Bicarbonate	659	mg/L

Anions	Result	Unit
Chloride	88232	mg/L
Sulfate	2679	mg/L

Comments:		

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11/25/2014 Page 1 of 1



An Ecolab Company

Attention:Brodie.Pfannenstiel@CHAMP-TECH.co

m

Location Code: 158700 Sample ID: AD09549 Login Batch: 141217135708 Collection Date: 12/16/2014

Receive Date: 12/17/2014

Report Date: 12/19/2014

Customer: Anderson Exploration, LLC

Region: Not Available Location: Gorham, KS System: Production System Equipment: Well Kanoll 26-1

Lab ID: **ABU-0055**

Sample Point: Well Head

Analyses	Result	Unit
Dissolved CO2	352	mg/L
Dissolved H2S	9	mg/L
рН	6.8	
Pressure	25	psi
Temperature	100	°F

Analyses	Result	Unit
Bicarbonate	395	mg/L
Conductivity	209402	μS - cm3
Ionic Strength	2.43	
Resistivity	0.048	ohms - m
Specfic Gravity	1.084	
Total Dissolved Solids	134147	mg/L

Cations	Result	Unit
Iron	127.6	mg/L
Manganese	1.808	mg/L
Barium	0.256	mg/L
Strontium	56.55	mg/L
Calcium	3180	mg/L
Magnesium	678.8	mg/L
Sodium	47715.99	mg/L

Anions	Result	Unit
Chloride	79142	mg/L
Sulfate	2849	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-0.15
Barite BaSO4 PTB	0.0
Barite BaSO4 SI	0.14
Calcite CaCO3 \$1	-0.04
Celestite SrSO4 PTB	1.3
Celestite SrSO4 SI	0.01
Gypsum CaSO4 SI	-0.16
Hemihydrate CaSO4 SI	-0.20
Saturation Index Calculation (Tomson-C	Oddo Model)

Comments:		

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12/31/2014 Page 1 of 1 Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

January 28, 2015

Anderson Exploration, LLC 168 S. Lark Ln Wichita, KS 67209

RE: Approved Commingling CO011503

Knoll 26-1

API No. 15-065-24052-00-00

Dear Mr. Anderson:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period.

Based upon the depth of the Kansas City A formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Sincerely,

Rick Hestermann Production Department