

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

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

OPERATOR: License # _____ API No. 15 - _____
Name: _____ Spot Description: _____
Address 1: _____ - - - - - Sec. _____ Twp. _____ S. R. _____ East West
Address 2: _____ Feet from North / South Line of Section
City: _____ State: _____ Zip: _____ + _____ Feet from East / West Line of Section
Contact Person: _____ County: _____
Phone: (_____) _____ Lease Name: _____ Well #: _____

1. Name and upper and lower limit of each production interval to be commingled:
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

- 5. 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 Commingling of FLUIDS ONLY, include the following:

- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

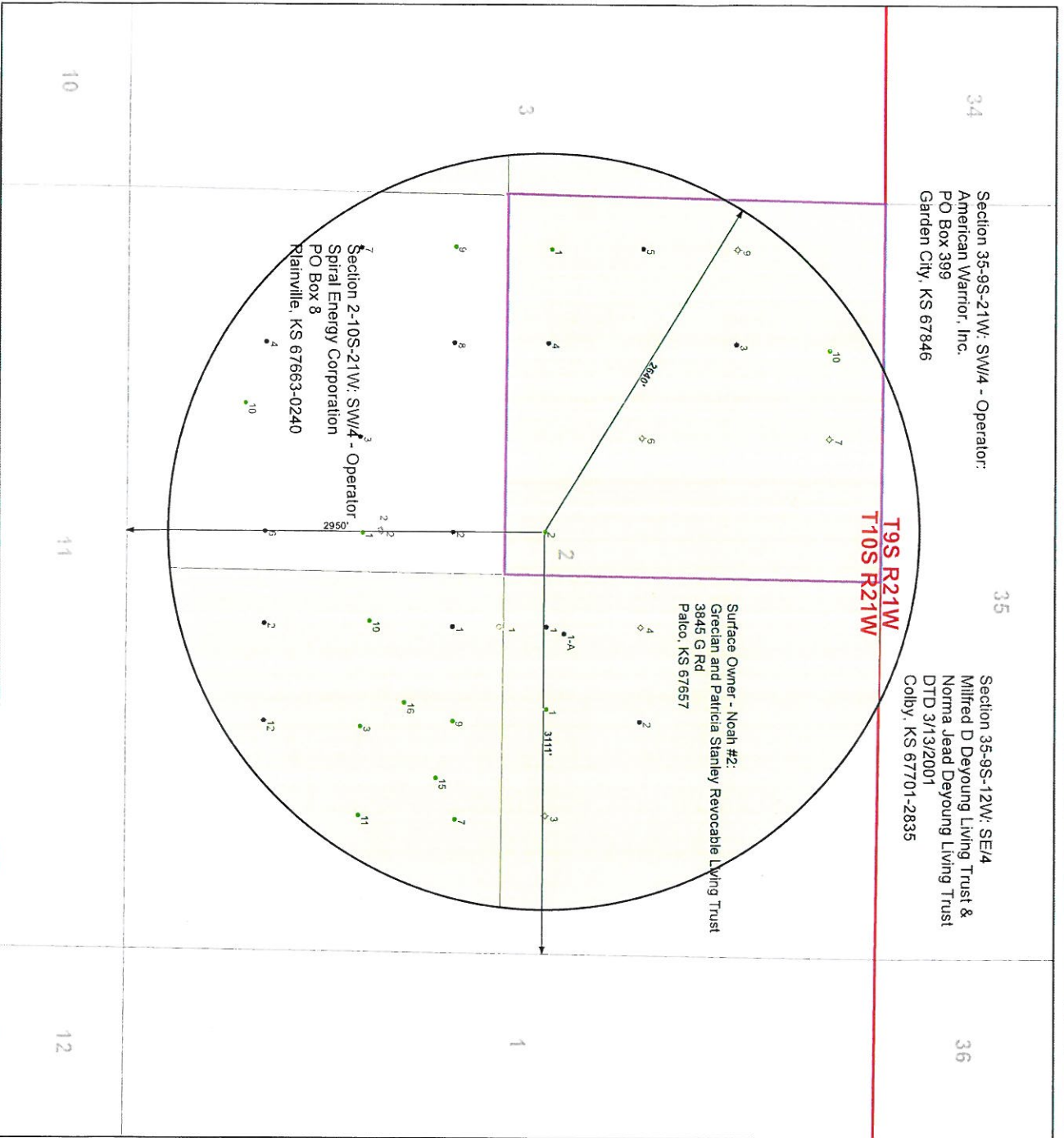
AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Submitted Electronically

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: _____

Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

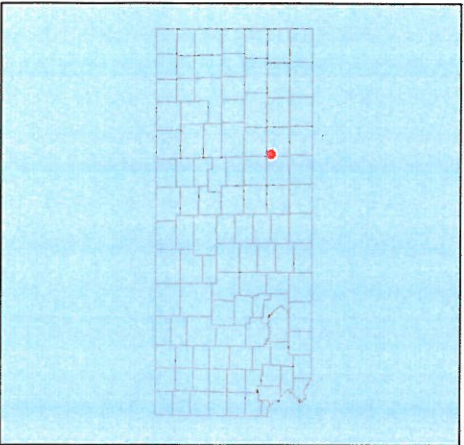
NOAH 2



	NOAH LEASE		DRY
	LSE		GAS
	Radius		TA
	Footage Lines		INJ
	OTHER		JNK
	PA		LOC
	OIL		SRV

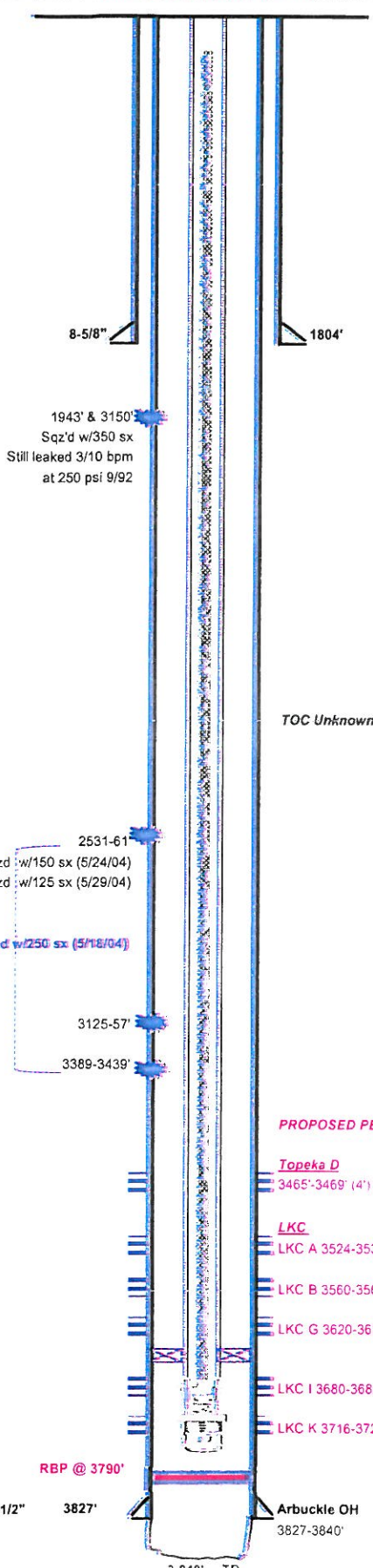


Graham County, KS
Cooper Field - Noah 2
API: 1506501661
T10S R21W S2
SE SE SE NW
2650 FNL 3111 FWL



WELLBORE SCHEMATIC

PROPOSED Jun 15'18



Lease:	Noah	Well No	2
API No.	15-065-01661	Status	SU
Location: SE SE SE NW Sec 2, T10S-R21W, 2950' N, 3111' W from SE corner			
County:	Graham	State:	KS
Field:	Cooper		
TD	3840'	GL	2273'
PBTD	KB	2277'	Spud Date: 11/11/1950
Current Perfs/OH:		Current Zone: Arbuckle	

Surface Equipment

Unit Make:	Unit Size:	
Unit S/N:	Unit Rotation:	
SPM:	Stroke Length:	Unit Sheave:
Prime Mover:	Motor Sheave:	
Motor S/N:	Motor RPM:	

Casing Breakdown

	Size	Grade / Wt	Depth	Hole Size	Cement
Surface	8-5/8"	J55/28#	1803.5'	12-1/4"	1050 sxs
Production	5-1/2"	H40 & J55/14#	3827'	7-7/8"	200 sxs
Production					
Production					
Liner					

Tubing Breakdown

Qty	Description	Footage
TOTAL		0.00'

Rod Breakdown

Qty	Description	Footage
TOTAL		0.00'

Comments

SI on 1/25/16 due to a possible tbg leak. 1.2 BOPD & 215 BWPD w/0' FAP
3/29/18: RTP'd. Test as of 5/2/18, 1 BO, 171.5 BW, 0' FAP.



June 20, 2018

OFFSET OPERATOR/UNLEASED MINERAL INTEREST OWNER/LANDOWNER

Re: Application to Downhole Commingle
Noah 2
Graham County, Kansas

Dear Interested Party:

It is our understanding that you own or operate property within a ½ mile radius of the referenced surface location. Under state law, we are required to notify all interested parties within a ½ mile radius of any proposed well. This letter will serve as your notification as surface owner, offset operator within the ½ mile radius.

Per the Kansas Corporation Rules and Regulations, Citation Oil & Gas Corp. is hereby notifying you as an interested party that we are filing an application to amend downhole commingling of the LKC and Topeka D formations in the Noah 2 well, located in the SE SE SE NW of Section 2, Township 10 South, Range 21 West, Graham County, Kansas.

Enclosed please find a copy of the application for your records.

If you have any questions, please contact the undersigned or the Kansas Corporation Commission at 266 N. Main Street, Ste 220, Wichita, KS 67202-1513.

Sincerely,

A handwritten signature in black ink that reads "Leatha Greenwood".

Leatha Greenwood
Regulatory Analyst



LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
516230	0003728957	BEFORE THE STATE CORPORATION COMMIS		\$355.20	2	30

Attention:

CITATION OIL & GAS CORP.
14077 CUTTEN RD
HOUSTON, TX 770692212

**BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION**

RE: Citation Oil & Gas Corp. -- Application for a permit to authorize the downhole commingling of the LKC and Topeka D zones in the Noah 2 well located in Graham County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomever concerned.

You, and each of you, are hereby notified that Citation Oil & Gas Corp. has filed an application to commence the downhole commingling of the LKC and Topeka D Formations in the Noah 2 well, located in the SE SE NW of Section 2, Township 10 South, Range 21 West, 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 (15) days from the date of this 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.

Citation Oil & Gas Corp.
P. O. Box 690688
Houston, Texas 77269
Phone: 281-891-1000

In The STATE OF KANSAS
In and for the County of Sedgwick
AFFIDAVIT OF PUBLICATION

1 Insertions

Beginning issue of: 06/27/2018

Ending issue of: 06/27/2018

STATE OF KANSAS)

.SS

County of Sedgwick)

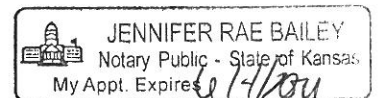
Dale Seiwert, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has 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 from **6/27/2018** to **06/27/2018**.

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

(Signature of Principal Clerk)

DATED: 6/26/2018

Notary Public Sedgwick County, Kansas



First Published In The Hill City Times,
Wednesday, June 27, 2018:

**Before the State
Corporation Commission
of the State of Kansas
NOTICE OF FILING APPLICATION**

RE: Citation Oil & Gas Corp. -
Application for a permit to authorize the
downhole commingling of the LKC and
Topeka D zones in the Neah 2 well
located in Graham County, Kansas.

TO: All Oil and Gas Producers,
Unleased Mineral Interest Owners,
Landowners, and all persons whomever
concerned.

You, and each of you, are hereby
notified that Citation Oil & Gas Corp.
has filed an application to commence
the downhole commingling of the LKC
and Topeka D Formations in the Noah 2
well, located in the SE SE NW of
Section 2, Township 10 South, Range
21 West, Graham County, Kansas.

Any persons who object to or protest
this application shall be required to file
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Conservation Division of the State
Corporation Commission of the State of
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Citation Oil & Gas Corp.
P.O. Box 690688
Houston, Texas 77269
Phone. 281-891-1000

52-1

**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;

THAT, a notice of which the attached is a true and correct copy,
was published in a regular issue of said newspaper for 1 consecutive
weeks commencing with the issue of JUNE 27, 2018.

[Signature]
Publication Fee \$ 28.05
Affidavits @ 75¢ . . \$ _____
Extra Copies @ 50¢ \$ _____
TOTAL LEGAL FEE \$ 28.05

SUBSCRIBED and sworn
to before me this 27th
day of JUNE,
2018.



My commission expires KSA 153-1501 Notary Public

Clerk of the District Court
Graham County

Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

American Warrior, Inc.

Sec. 35-9S-21W: SW/4

Mildred Deyoung Living Trust &

Norma Jean Deyoung Living Trust

Sec. 35-9S-12W: SE/4

Grecian and Patricia Stanley Revocable

Living Trust (Surface Owner)

SE SE SE NW of Sec. 2-10S-21W

Spiral Energy Corporation

Sec. 2-10S-21W: SW/4

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Geatha Greenwood

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 20 day of June, 2018



Sharon Ward

Notary Public

My Commission Expires: 11/28/2019

Instructions:

1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
2. Attach some type of log (*drillers log, electric log, etc.*).
3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (*Cement ticket and job log, bond log, etc.*)
4. Attach Affidavit of Notice.
5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. **No injection well may be used without prior written authorization.**
9. All application fees must accompany the application.

STATE OF KANSAS

CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513



PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

July 12, 2018

Sharon Ward
Citation Oil & Gas Corp
14077 Cutten Rd
Houston, TX 77269-0688

RE: Approved Commingling CO071801
Noah #2
API No. 15-065-01661-00-00

Dear Ms. Ward:

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 LKC formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

File form ACO-1 upon completion of the well to commingle.

Sincerely,

Rick Hestermann
Production Department