



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.

**THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS**

IN THE MATTER OF THE APPLICATION)
OF SANDRIDGE EXPLORATION AND)
PRODUCTION, LLC FOR PERMISSION)
TO COMMINGLE PRODUCTION FROM)
THE BIRD 3319 3-6 WELL IN COMANCHE) KCC License No. 34192
COUNTY, KANSAS, PURSUANT TO)
K.A.R. § 82-3-124) CONSERVATION DIVISION
_____)

**NOTICE OF PENDING APPLICATION
FOR PERMISSION TO COMMINGLE PRODUCTION**

TO: ALL OIL AND GAS PRODUCERS, UNLEASED MINERAL INTEREST OWNERS,
LANDOWNERS, AND ALL PERSONS WHOSOEVER CONCERNED.

You, and each of you, are hereby notified that SANDRIDGE EXPLORATION AND PRODUCTION, LLC has filed an Application with the State Corporation Commission of the State of Kansas (the "Commission") seeking permission to commingle production, pursuant to K.A.R. § 82-3-124, from the Mississippi and Cherokee formations in the following well located in Comanche County, Kansas:

Bird 3319 3-6 well
API No. 15-033-21748-00-00
Surface Location: 4,433' FSL and 344' FEL of Section 6-33S-19W

The Commission may approve SANDRIDGE EXPLORATION AND PRODUCTION, LLC's request to commingle production from the subject well without a hearing or further notice if no timely protest is filed. Any persons who object to or protest the request to commingle production from that well should file their objections or protests with the Commission within fifteen (15) days from the date of this publication. Any protest must be filed pursuant to the Commission's regulations and must state specific reasons why the grant of the Application may case waste, violate correlative rights, or pollute the natural resources of the state of Kansas. If any valid protests are timely filed, the request will be set forth hearing by the Commission. All parties in any way interested or concerned shall take notice of the foregoing and govern themselves accordingly.

David E. Bengtson (#12184)
STINSON LEONARD STREET LLP
1625 N. Waterfront Pkwy., Suite 300
Wichita, Kansas 67206-6620
(316) 265-8800
Fax: (316) 265-1349

Attorneys for SandRidge Exploration and
Production, LLC

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, depose 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 21st of

July A.D. 2014 , with

subsequent publications being made on the following dates:

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

Mark Fletchall

Subscribed and sworn to before me this

21st day of July, 2014

JENNIFER RAE BAILEY
Notary Public - State of Kansas
My Appt. Expires 10/14/2017

JRB
Notary Public Sedgwick County, Kansas

Printer's Fee : \$220.80

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
JULY 21, 2014 (3310523)
THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
IN THE MATTER OF THE APPLICATION
OF SANDRIDGE EXPLORATION AND
PRODUCTION, LLC FOR PERMISSION
TO COMMINGLE PRODUCTION FROM
THE BIRD 3319 3-6 WELL IN COMANCHE
COUNTY, KANSAS, PURSUANT TO
K.A.R. # 82-3-124
KCC License No. 34192
CONSERVATION DIVISION
NOTICE OF PENDING APPLICATION FOR
PERMISSION TO COMMINGLE PRODUCTION
TO: ALL OIL AND GAS PRODUCERS, UNLEASED
MINERAL INTEREST OWNERS, LANDOWNERS,
AND ALL PERSONS WHOSEVER CONCERNED.
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the request will be set forth hearing by the Commission.
All parties in any way interested or concerned shall
take notice of the foregoing and govern themselves
accordingly.
David E. Bengtson (#12184)
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(316) 265-8800
Fax: (316) 265-1349
Attorneys for SandRidge Exploration and
Production, LLC

Notice

Published in The Western Star
Thursday, July 24, 2014. 52c

**THE STATE CORPORATION
COMMISSION OF THE
STATE OF KANSAS**

**IN THE MATTER OF THE
APPLICATION OF SANDRIDGE
EXPLORATION AND PRODUCTION, LLC FOR PERMISSION
TO COMMINGLE PRODUCTION FROM THE BIRD 3319 3-6
WELL IN COMANCHE
COUNTY, KANSAS,**

PURSUANT TO K.A.R. § 82-3-124

KCC License No. 34192

CONSERVATION DIVISION

NOTICE OF PENDING APPLICATION FOR PERMISSION TO COMMINGLE PRODUCTION

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Suite 300
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(316) 265-8800
and Fax (316) 265-1349

Attorneys for SandRidge Exploration and Production, LLC

Affidavit of Publication

State of Kansas, Comanche County, ss.

Dennies D. Andersen, of lawful age, being duly sworn says he is the editor of *THE WESTERN STAR*, a newspaper printed in the State of Kansas and published in the City of Coldwater, County of Comanche, State of Kansas, which newspaper has been admitted to the mails as periodical class matter in said county, and is of general circulation in said county, and the printed notice hereunto attached was published in the regular and entire issue of every number of said newspaper for

1 consecutive weeks, as follows:
1st publication July 24, 2014
2nd publication _____, 20____
3rd publication _____, 20____
4th publication _____, 20____
5th publication _____, 20____

And further, that said newspaper is a weekly published at least weekly 50 times a year; has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice, and that said newspaper is not a trade, religious or fraternal publication.



Subscribed and sworn to before me this 15

day of August, 2014

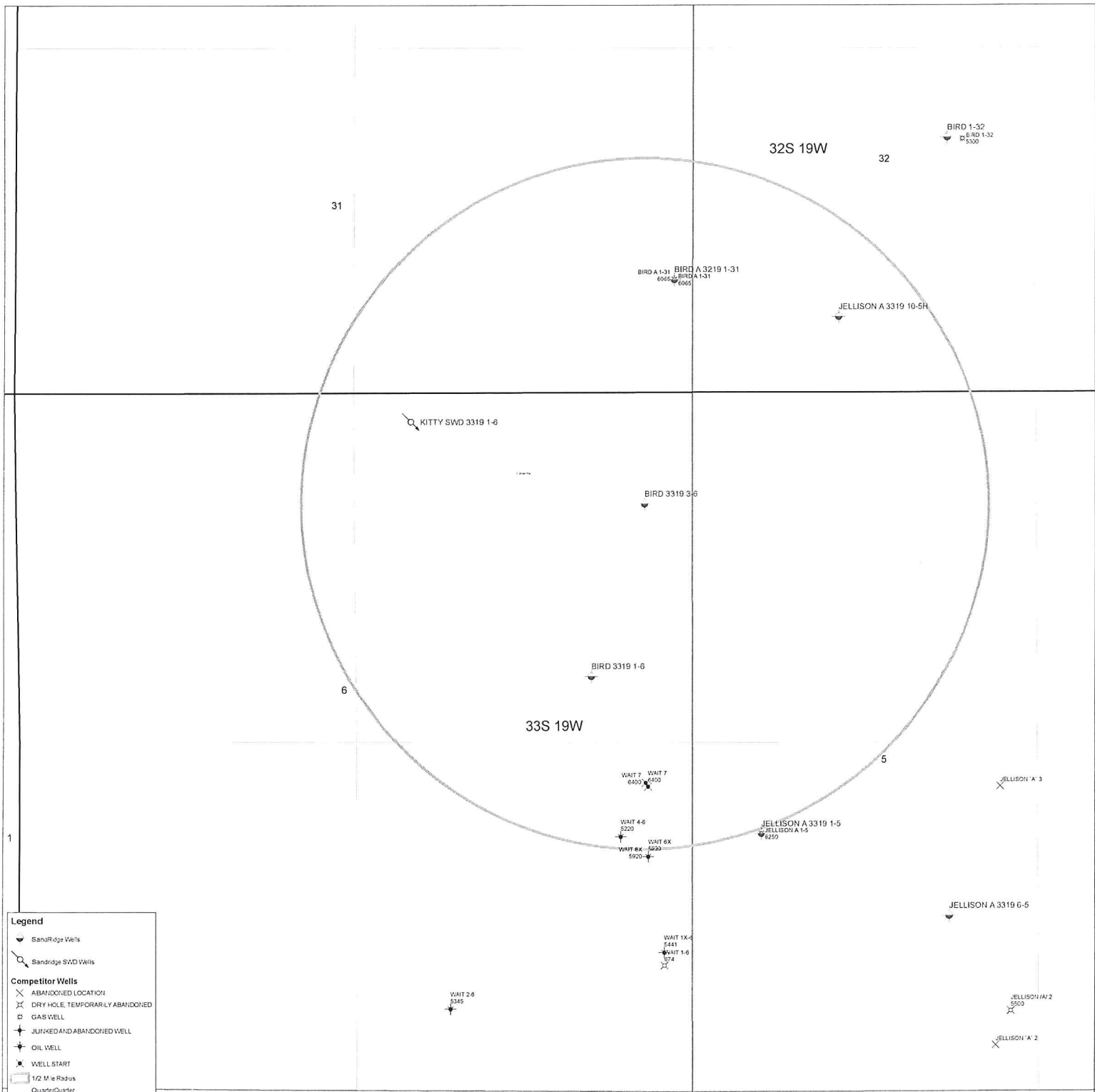




Publication Fee \$ 32.55

Total Publication Fee \$ 32.55

copy



Legend

- SandRidge Wells
- SandRidge SWD Wells

Competitor Wells

- ABANDONED LOCATION
- DRY HOLE, TEMPORARILY ABANDONED
- GAS WELL
- JUNKED AND ABANDONED WELL
- OIL WELL
- WELL START
- 1/2 Mile Radius Quarter/Quarter

31

32S 19W

32

BIRD 1-32
BIRD 1-32
5500

BIRD A 1-31 BIRD A 3219 1-31
6065 6065

JELLISON A 3319 10-6H

KITTY SWD 3319 1-6

BIRD 3319 3-6

6

33S 19W

BIRD 3319 1-6

5

WAIT 7 6400
WAIT 7 6500

JELLISON A 3

WAIT 4-6 5200

JELLISON A 3319 1-5
JELLISON A 1-5
6250

WAIT 6X 5920

JELLISON A 3319 6-5

WAIT 1X-4 5441
WAIT 1-6 574

JELLISON 1A/2 5500

WAIT 24 5345

JELLISON A 2

7

8

1

Bird 3319 3-6

Unit Description

| | | | | |
|-------------------|--|--|--|--|
| NE/4 of 6-33S-19W | | | | |
| | | | | |

Operators

Name:

Address:

| | | | | |
|---|-------------------------|-------------------------|--|--|
| SandRidge Energy: S/2 SE/4 of 31-32S-19W and SW/4 of 32-32S-19W and NE/4 6-33S-19W and W/2 of 5-33S-19W | 123 Robert S. Kerr Ave. | Oklahoma City, OK 73102 | | |
| American Warrior: SE of 6-33S-19W | 3118 Cummings Rd | Garden City, KS 67846 | | |
| | | | | |

Leased Minerals

| | | | | |
|---|-------------------------|-------------------------|--|--|
| SandRidge Energy: SW/4 of 31-32S-19W and N/2 SE/4 of 31-32S-19W | 123 Robert S. Kerr Ave. | Oklahoma City, OK 73102 | | |
|---|-------------------------|-------------------------|--|--|

Unleased Minerals

Name:

Address:

| | | | | |
|---------------------------------|----------------------------------|----------------|--|--|
| Long Ranch, LP: NW of 6-33S-19W | c/o Dale F. Long, Rt. 1, Box 150 | Gate, OK 73844 | | |
|---------------------------------|----------------------------------|----------------|--|--|

Certificate of Service

The undersigned hereby certifies that on August 21, 2014, a copy of the KCC Form ACO-4, Application for Commingling of Production, and the Notice of pending Application were mailed to the following persons entitled to notice of the Application pursuant to §K.A.R. 82-3-15a:

American Warrior
3118 Cummings Road
Garden City, KS. 67846

Long Ranch, LP
c/o Dale F. Long
Rt 1, Box 150
Gate, OK. 73844

A handwritten signature in cursive script that reads "Wanda Ledbetter". The signature is written in black ink and is positioned above the printed name.

Wanda Ledbetter

Regulatory Analyst



Current

Spud Date 2/15/2014

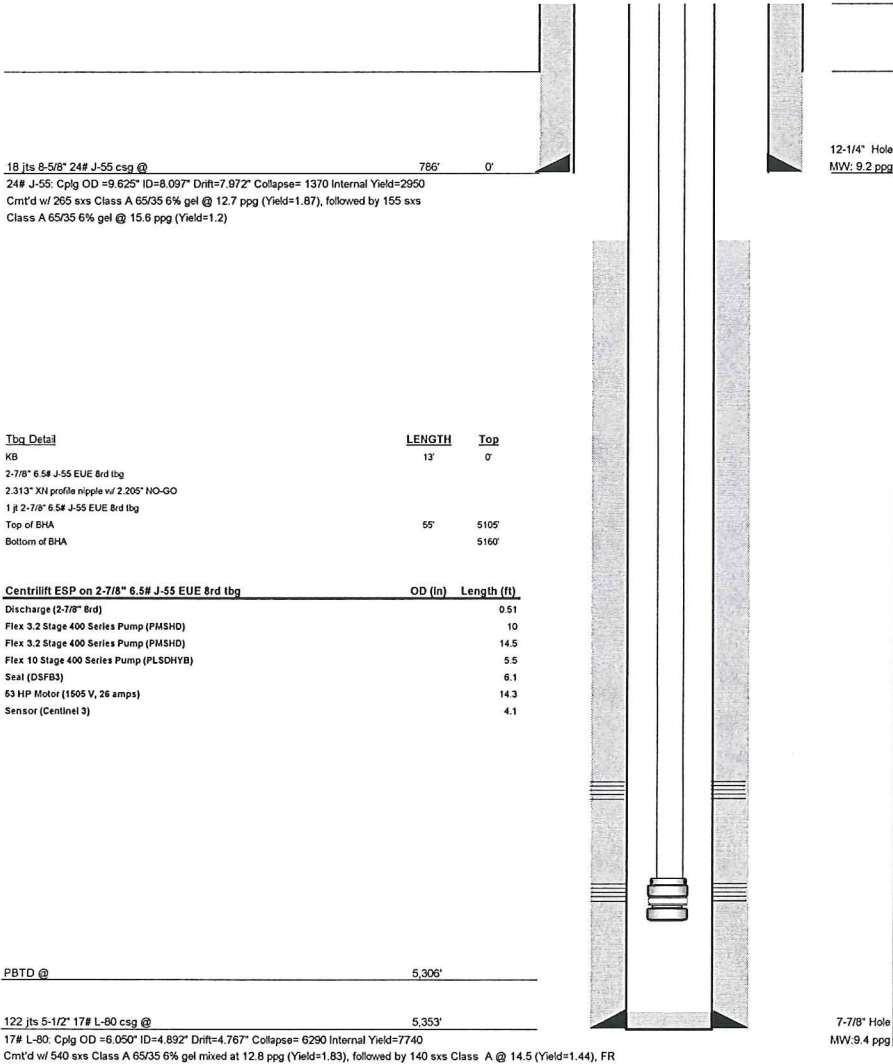
Field Bird South
 County Comanche
 State KS
 Well BIRD 3319 3-6
 SH Location SEC 6, TWP 33S, RNG 19W
 Elevations 1888' KB; 1875' GL

Wellbore Schematic

15-033-21748
 API No.

Original Completion (7-17-2014)
 Current
 Workover
 Proposed

Well Bore Data MD TVD



18 Jts 8-5/8" 24# J-55 csg @ 786' 0'
 24# J-55: Cplg OD =9.625" ID=8.097" Drift=7.972" Collapse= 1370 Internal Yield=2850
 Cmt'd w/ 265 sxs Class A 65/35 6% gel @ 12.7 ppg (Yield=1.87), followed by 155 sxs
 Class A 65/35 6% gel @ 15.6 ppg (Yield=1.2)

12-1/4" Hole
 MW: 9.2 ppg

| Tbg Detail | LENGTH | Top |
|--|--------|-------|
| KB | 13' | 0' |
| 2-7/8" 6.5# J-55 EUE 8rd tbg | | |
| 2.313" XN profile nipple w/ 2.205" NO-GO | | |
| 1# 2-7/8" 6.5# J-55 EUE 8rd tbg | | |
| Top of BHA | 55' | 5105' |
| Bottom of BHA | | 5160' |

| Centrilift ESP on 2-7/8" 6.5# J-55 EUE 8rd tbg | OD (in) | Length (ft) |
|--|---------|-------------|
| Discharge (2-7/8" 8rd) | | 0.51 |
| Flex 3.2 Stage 400 Series Pump (PMSHD) | | 10 |
| Flex 3.2 Stage 400 Series Pump (PMSHD) | | 14.5 |
| Flex 10 Stage 400 Series Pump (PLSDHYB) | | 5.5 |
| Seal (DSFB3) | | 6.1 |
| 53 HP Motor (1505 V, 26 amps) | | 14.3 |
| Sensor (Centinel 3) | | 4.1 |

PBTD @ 5,306'

122 Jts 5-1/2" 17# L-80 csg @ 5,353'

17# L-80: Cplg OD =6.050" ID=4.892" Drift=4.767" Collapse= 6290 Internal Yield=7740
 Cmt'd w/ 540 sxs Class A 65/35 6% gel mixed at 12.8 ppg (Yield=1.83), followed by 140 sxs Class A @ 14.5 (Yield=1.44), FR

| Stage 2 Perfs@ | Formation | Top | Bottom | Phasing | Feet | SPF | Shots |
|----------------|-----------|-------|--------|---------|------|-----|-------|
| | Cherokee | 4987' | 4990' | 60' | 3' | 1' | 3' |
| | Cherokee | 4995' | 5002' | 60' | 7' | 1' | 7' |
| | Cherokee | 5011' | 5016' | 60' | 5' | 1' | 5' |
| | Cherokee | 5026' | 5028' | 60' | 2' | 1' | 2' |
| | Cherokee | 5031' | 5034' | 60' | 3' | 1' | 3' |
| | Cherokee | 5036' | 5038' | 60' | 2' | 1' | 2' |
| | Cherokee | 5042' | 5045' | 60' | 3' | 1' | 3' |
| | Cherokee | 4965' | 4968' | 60' | 3' | 2' | 6' |

| Stage 1 Perfs@ | Formation | Top | Bottom | Phasing | Feet | SPF | Shots |
|----------------|---------------|-------|--------|---------|------|-----|-------|
| | Mississippian | 5115' | 5121' | 60' | 6' | 2' | 12' |
| | Mississippian | 5132' | 5140' | 60' | 8' | 2' | 16' |

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

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

Sam Brownback, Governor

September 5, 2014

Wanda Ledbetter
SandRidge Exploration & Production LLC
123 Robert S. Kerr Ave
Oklahoma City, OK 73102-6406

RE: Approved Commingling CO081403
Bird 3319 3-6
API No. 15-033-21748-00-00

Dear Ms. Ledbetter:

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 Mississippi formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF). **Production from the well must be adjusted to comply with the allowable limit of 200 BOPD unless an application for an increased allowable is approved by the commission.**

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

Sincerely,

Rick Hestermann
Production Department