



KANSAS CORPORATION COMMISSION 1072011
OIL & GAS CONSERVATION DIVISION

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)

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.

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 9th of

January A.D. 2012 , 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

9th day of January, 2012

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 5/28/2014

Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$110.80

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
JANUARY 9, 2012 (3162326)
BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: Grand Mesa Operating Company,
License #9855- Application for a
commingling of production for the
DOORNBOS #1-16, located in Scott
County, Kansas.
TO: All Oil & Gas Producers, Unleased
Mineral Interest Owners, Landowners and
all persons concerned.
You, and each of you, are hereby notified
that Grand Mesa Operating Company -
has filed an application for commingling
production of fluids from the Pleasanton
& Atoka Formations. The subject well, the
DOORNBOS #1-16, is located 1387 feet from
the south line and 1812 feet from the east line
in the SW SE NW SE of Section 16, Township
16 South, Range 33 West, Scott County,
Kansas.
Any persons who object to or protest this
application shall be required to file their
objections or protest with the Conservation
Division of the State Corporation Commission
of the State of Kansas within fifteen (15)
days of the publication of this notice. These
protests shall be filed pursuant to Commission
regulations and must state specific reasons
why granting 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.
Grand Mesa Operating Company
Ronald N. Sinclair, President
1700 N. Waterfront Pkwy, Bldg 600
Wichita, KS 67206-5514
(316) 265-3000

(Published in The Scott County Record Thurs., Jan. 12, 2012)1t

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

RE: Grand Mesa Operating Company, License #9855- Application for a commingling of production for the DOORBOS #1-16, located in Scott County, Kansas.

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

You, and each of you, are hereby notified that Grand Mesa Operating Company - has filed an application for commingling production or fluids from the Pleasanton & Atoka Formations. The subject well, the DOORBOS #1-16, is located 1387 feet from the south line and 1812 feet from the east line in the SW SE NW SE of Section 16, Township 16

South, Range 33 West, Scott County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days of the publication of this notice. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting 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.

Grand Mesa Operating Company Ronald N. Sinclair, President 1700 N. Waterfront Pkwy, Bldg 600 Wichita, Ks. 67206-5514 (316) 265-3000

Proof of Publication

Affidavit of Publication

STATE OF KANSAS, SCOTT COUNTY, ss:

Rodney R. Haxton, being first duly sworn, deposes and says that he is editor of The Scott County Record, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Scott County, Kansas, with a general paid circulation and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a weekly, published at least 50 times a year in said county, and has been admitted as second class matter at the post office of Scott City in said county.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for 1 consecutive weeks, the first publication thereof being made as aforesaid on the 12 day of January, 2012 with subsequent publications being made on the following dates:

_____, 20____

_____, 20____

Publication Fee \$ 32.20

Additional Copies @ _____ \$ _____

Total Publication Fee \$ 32.20

[Signature] Publisher

Subscribed and sworn to before me this 13 day of January, 2012

SHARLA OSBORN Notary Public - State of Kansas My Appt. Expires 10-1-13

[Signature] Notary Public

My commission expires 10-1-13

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9855
Name: Grand Mesa Operating Company
Address 1: 1700 N. Waterfront Pkwy, B600
Address 2: _____
City: Wichita State: KS Zip: 67206 + 5 5 1 4
Contact Person: Ronald N. Sinclair
Phone: (316) 265-3000
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Kent Matson
Purchaser: NCRA

API No. 15 - 171-20833-00-00
Spot Description: 1387' FSL & 1812' FEL SWSSENWSE
SW SE NW SE Sec. 16 Twp. 16 S. R. 33 East West
1,387 Feet from North / South Line of Section
1,812 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Scott
Lease Name: Doornbos Well #: 1-16
Field Name: Wildcat
Producing Formation: Atoka & Pleasanton Formations
Elevation: Ground: 3069 Kelly Bushing: 3074
Total Depth: 4845 Plug Back Total Depth: 4819
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2438 Feet
If Alternate II completion, cement circulated from: 2438
feet depth to: 0 w/ 300 sx cmt.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
09/17/2011 09/28/2011 10/26/2011
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 18500 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.
Signature: [Signature]
Title: President Date: 1/13/2012

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: _____ Date: _____

Operator Name: Grand Mesa Operating Company Lease Name: Doornbos Well #: 1-16
 Sec. 16 Twp. 16 S. R. 33 East West County: Scott

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CPDCN Micro Log; AI Shallow Focussed Elect Log; Micro Log; Sector Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached Form
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	220	Common	165	3% CC; 2% Gel
Production	7.875	5.50	15.5	4840	EA-2	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2438	SMD	300	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4662-4666	600gals 15% HC-1 Acid w/additives	4662-4666
4	4373-4377	600gals 15% RWR-1 Acid w/additives	4373-4377
		1000gals 20% RWR-1 Acid w/additives	4373-4377

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4800</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf <u>0</u>	Water Bbls. <u>5</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-1B.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4662-4666</u> <u>4373-4377</u>
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Doornbos #1-16
API #15-171-20833-00-00
Sec. 16-16S-33W
Scott County, Kansas

Stone Corral	2425	+ 649
Bs/Stone Corral	2444	+ 630
Heebner	3982	- 907
Lansing	4024	- 950
Muncie Creek	4203	-1129
Stark Shale	4295	-1221
Marmaton	4405	-1331
Little Osage Shale	4536	-1462
Johnson	4628	-1554
Morrow Shale	4695	-1621
Morrow Sand	4723	-1649
Mississippian	4739	-1665
LTD	4845	

AFFIDAVIT OF NOTICE SERVED

RE: Application for Commingling of Production

Well Name: Doornbos #1-16

Legal Location: SW/SE/NW/SE Section 16-16S-33W, Scott County, Kansas

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 5th day of January, 2012, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

**Grand Mesa Operating Company, 1700 N. Waterfront Pkwy, B600,
Wichita, KS 67206-5514**

I further attest that notice of the filing of this application was published in **The Scott County Record**, the official county publication of **Scott County, Kansas**, and the **Wichita Eagle**, Wichita, Kansas. A copy of both of these affidavits of publications are attached hereto.

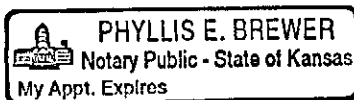
Signed this 5th day of January, 2012.

GRAND MESA OPERATING COMPANY

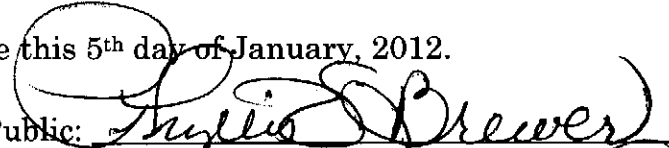
Applicant of Duly Authorized Agent:


Ronald N. Sinclair, President

Subscribed and sworn to before me this 5th day of January, 2012.



Notary Public:


Phyllis E. Brewer, Notary Public

My Commission Expires: July 21, 2015

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

RE: Grand Mesa Operating Company, License #9855– Application for a commingling of production for the DOORNBOS #1-16, located in Scott County, Kansas.

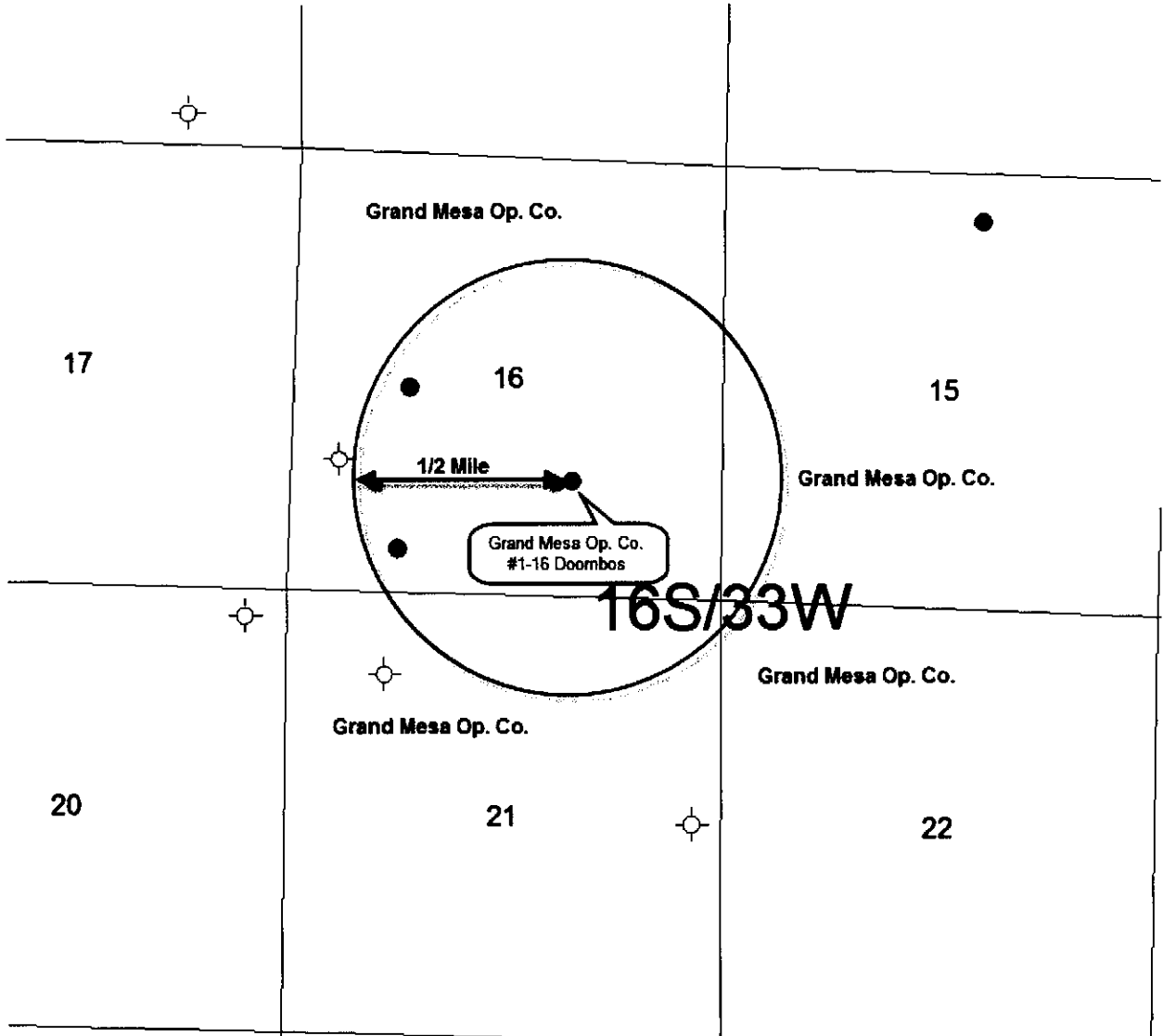
TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners and all persons concerned.

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

Grand Mesa Operating Company
Ronald N. Sinclair, President
1700 N. Waterfront Pkwy, Bldg 600
Wichita, KS 67206-5514
(316) 265-3000



February 2, 2012

Ronald N. Sinclair
Grand Mesa Operating Company
1700 N Waterfront Pkwy, Bldg 600
Wichita, KS 67206-5514

RE: Approved Commingling CO021201
Doornbos 1-16, Sec.16-T16S-R33W, Scott County
API No. 15-171-20833-00-00

Dear Mr. Sinclair:

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. This application, which was received by the KCC on February 1, 2012, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Pleasanton	10.0	0.0	3.0	4373-4377
Atoka	10.0	0.0	2.0	4662-4666
Total Estimated Current Production	20.0	0.0	5.0	

Based upon the depth of the Atoka formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO021201 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann
Production Department