



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1044922

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.*

# Proof of Publication

## Affidavit of Publication

State of Kansas,

LOGAN COUNTY, ss:

Barbara Glover

being first duly sworn, deposes and says, that

she

is the editor of **THE OAKLEY GRAPHIC**, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Logan County, Kansas, with a general paid circulation on a weekly and that said newspaper is not a trade, religious, or fraternal publication.

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 has been admitted at the post office of Oakley in said county as second class matter.

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 13 day of October, 2010 with subsequent publications being made on the following dates:

1st Publication was made on the 13 day of Oct, 2010

2nd Publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

3rd Publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

4th Publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

5th Publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

6th Publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Publication fee \$ 35.10

Affidavit, Notary's Fees \$ \_\_\_\_\_

Additional Copies @ \_\_\_\_\_ \$ \_\_\_\_\_

Total Publication Fee \$ 35.10

(Signed)

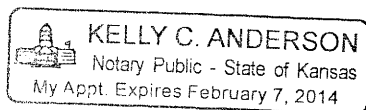
Witness my hand this 14 day of October, 2010

SUBSCRIBED and SWORN to before me this 14

day of October, 2011.

Kelly C Anderson  
(Notary Public)

My commission expires 2-7-2014



## 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 M. Andersen #1-3, located in Logan 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 or fluids from the verugris, rt. Scott and the Lansing "I" Formations. The subject well, the M. Andersen #1-3, is located 2,367 feet from the north line and 1, 693 feet from the west line in the SE SW SE NW of Section 3, Township 13 South, Range 32 West, Logan 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

AFFIDAVIT OF NOTICE SERVED

**RE: Application for Commingling of Production**

Well Name: M. Andersen #1-3

Legal Location: SE/SW/SE/NW Section 3-13S-32W, Logan County, Kansas

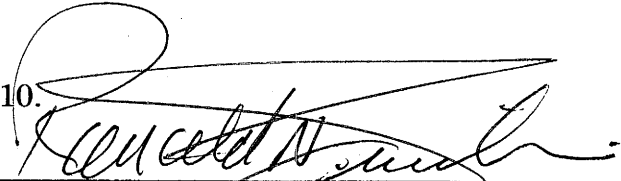
The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 20<sup>th</sup> day of September, 2010, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

**Murfin Drilling Company, Inc., 250 N. Water St., Ste 300, Wichita, KS 67202**

I further attest that notice of the filing of this application was published in **The Oakley Graphic**, the official county publication of **Logan County, Kansas**. A copy of the affidavit of this publication is attached.

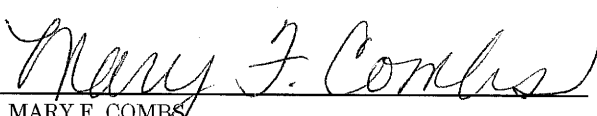
Signed this 20<sup>th</sup> day of September, 2010.

Applicant of Duly Authorized Agent:

  
RONALD N. SINCLAIR, President

Subscribed and sworn to before me this 20<sup>th</sup> day of September, 2010.

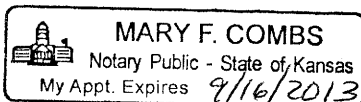
Notary Public:

  
MARY F. COMBS

My Commission Expires:

September 16, 2013

(1381)



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 M. Andersen #1-3, located in Logan 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 or fluids from the Vertigris, Ft. Scott and the Lansing “T” Formations. The subject well, the M. Andersen #1-3, is located 2,367 feet from the north line and 1,693 feet from the west line in the SE SW SE NW of Section 3, Township 13 South, Range 32 West, Logan 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.

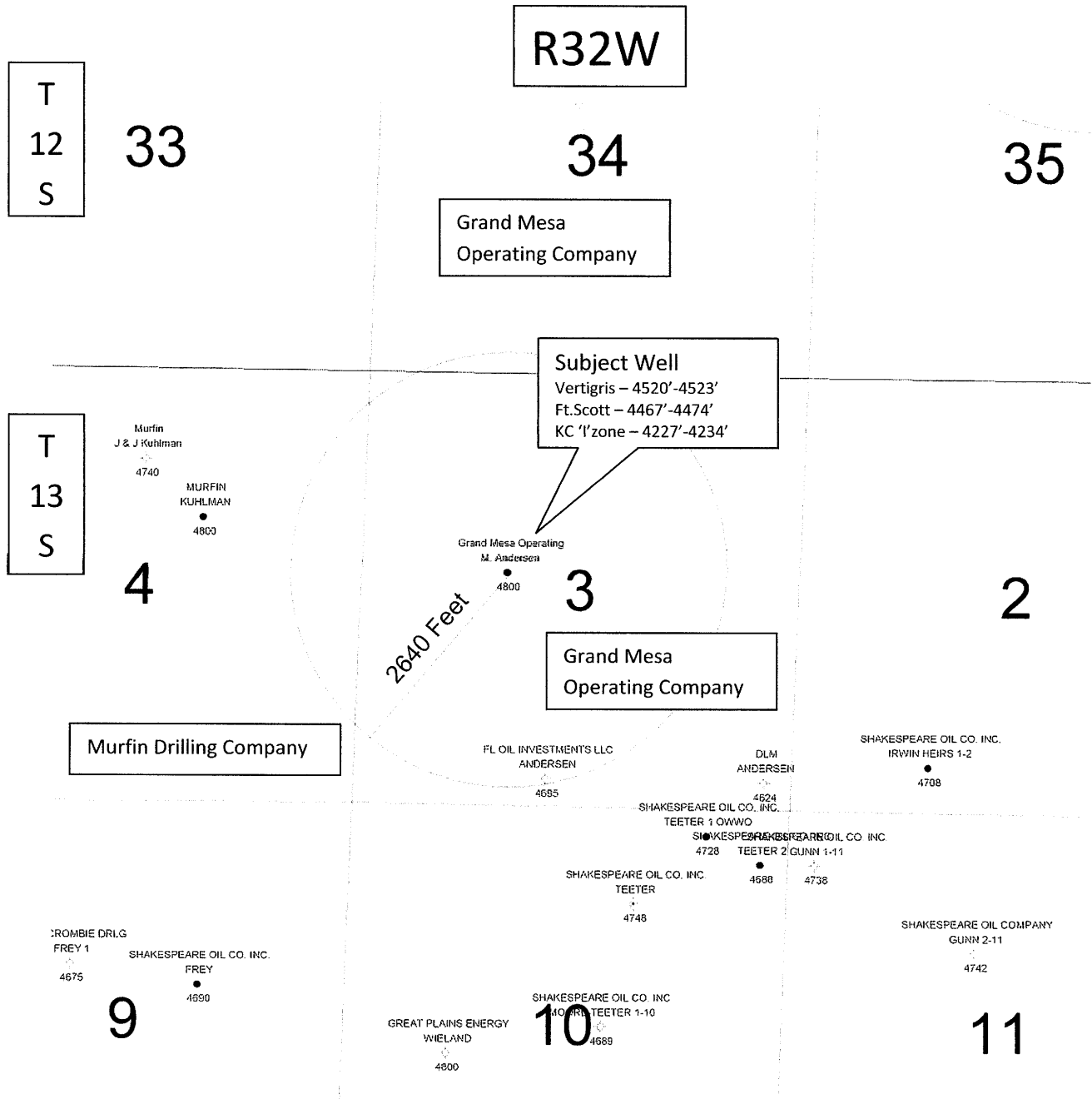
All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

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

# Grand Mesa Operating Company

#1-3 M. Anderson

2367FNL, 1693FWL, Sec. 3-T13S-R32W, Logan County Kansas



**KANSAS CORPORATION COMMISSION**  
**OIL & GAS CONSERVATION DIVISION**  
**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
June 2009  
**Form Must Be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

OPERATOR: License # 9855  
Name: Grand Mesa Operating Company  
Address 1: 1700 N. Waterfront Pkwy, Bldg 600  
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 Company, Inc.  
Wellsite Geologist: Steven P. Carl  
Purchaser: NCRA

**Designate Type of Completion:**

- ☒ New Well    ☐ Re-Entry    ☐ Workover
- ☒ Oil    ☐ WSW    ☐ SWD    ☐ SIOW  
☐ 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 #: \_\_\_\_\_

06/24/2010    07/03/2010    08/18/2010  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 109-20922-00-00

Spot Description: 2367' FNL & 1693' FWL

SE SW SE NW Sec. 3 Twp. 13 S. R. 32 ☐ East ☒ West

2,367 Feet from ☒ North / ☐ South Line of Section

1,693 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☒ NW ☐ SE ☐ SW

County: Logan

Lease Name: M. Andersen Well #: 1-3

Field Name: Wildcat

Producing Formation: Cherokee-Marmaton & Lansing Zones

Elevation: Ground: 3017' Kelly Bushing: 3022'

Total Depth: 4700' Plug Back Total Depth: 4682'

Amount of Surface Pipe Set and Cemented at: 5 jts. @ 208 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set: 2008 Feet

If Alternate II completion, cement circulated from: 2008'

feet depth to: Surface w/ 300 sx cmf.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 19,000 ppm Fluid volume: 1,000 bbls

Dewatering method used: Evaporate, backfill & level location

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: Ronald N. Sinclair / Ronald N. Sinclair

Title: President Date: September 16, 2010

**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: M. Andersen Well #: 1-3  
 Sec. 3 Twp. 13 S. R. 32 ☐ East ☒ West County: Logan

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: Compact Photo Den/Comp. Neu. Micro Resistivity; Array Ind. Shallow Focussed Elect. Log; Comp. Sonic; Dual Rec. Cmt Bnd Log	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width: 100%;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> <tr> <td>Bs/Stone Corral</td> <td>2546</td> <td>+ 476</td> </tr> <tr> <td>Heebner</td> <td>3987</td> <td>- 965</td> </tr> <tr> <td>Lansing</td> <td>4033</td> <td>-1011</td> </tr> <tr> <td>Muncie Creek</td> <td>4176</td> <td>-1154</td> </tr> <tr> <td>Hushpuckney</td> <td>4296</td> <td>-1274</td> </tr> <tr> <td>Marmaton</td> <td>4366</td> <td>-1344</td> </tr> <tr> <td>Little Osage</td> <td>4490</td> <td>-1468</td> </tr> <tr> <td>Mississippian</td> <td>4642</td> <td>-1620</td> </tr> <tr> <td>LTD</td> <td>4699</td> <td></td> </tr> </table>	Name	Top	Datum	Bs/Stone Corral	2546	+ 476	Heebner	3987	- 965	Lansing	4033	-1011	Muncie Creek	4176	-1154	Hushpuckney	4296	-1274	Marmaton	4366	-1344	Little Osage	4490	-1468	Mississippian	4642	-1620	LTD	4699	
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LTD	4699																														

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 1/4"	8 5/8"	23#	208'	Common	165	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4691'	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 type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone <input checked="" type="checkbox"/> Protect fresh water	0-2008'	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	4520-4523' & 4467-4474'	600 Gal. 15% MCA Acid	4520-23; 4467-74
4	4227-4234'	350 Gal. 15% MCA Acid	4227-34
4	4191-4195'	200 Gal. 15% MCA Acid	4191-95
4	4520-4523' & 4467-4474'	Squeeze 75sxs Standard Cmt	4191-95
		1,000 Gal. 15% Swift N. E. Acid	4520-23; 4467-74

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4667'</u> Packer At: <u> </u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>August 18, 2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>3</u>	Gas Mcf <u> </u>	Water Bbls. <u>10</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>4520-4523'; 4467-4474'</u> <u>4227-4234'</u>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------

**GRAND  
MESA**

**OPERATING COMPANY**

(316) 265-3000  
FAX: (316) 265-3455

1700 N. WATERFRONT PARKWAY  
BLDG. 600  
WICHITA, KANSAS 67206-5514

September 20, 2010

Murfin Drilling Company, Inc.  
250 N. Water St., Ste 300  
Wichita, KS 67202

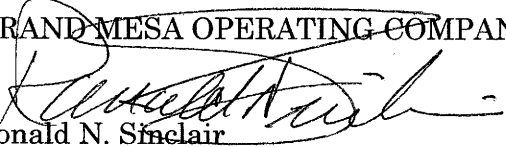
RE: Application for Commingling  
M. Andersen #1-3; SE/SW/SE/NW Sec. 3-13S-32W  
Logan County, Kansas

To Whom It May Concern:

Per Kansas Corporation Commission (KCC) regulations 82-3-123 and 82-3-135(a) Grand Mesa Operating Company is providing notice to you regarding the commingling of wellbore fluids in the above-described well. Please find the attached "APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS", KCC form ACO-4. If you have any questions, please contact me at (316) 265-3000.

Very truly yours,

~~GRAND MESA OPERATING COMPANY~~

  
Ronald N. Sinclair  
President

RNS;peb

Enclosures



# 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 23rd of

October A.D. 2010, with

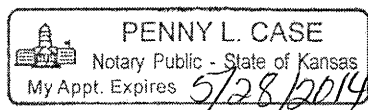
subsequent publications being made on the following dates:

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

25th day of October, 2010



*Penny L. Case*  
Notary Public Sedgwick County, Kansas

Printer's Fee : \$110.80

**LEGAL PUBLICATION**

Published in the Wichita Eagle  
October 23, 2010 (3077008)  
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 M.  
Anderson #1-3, located in Logan 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 or  
fluids from the Vertigis, Ft. Scott and the  
Lansing "1" Formations. The subject well, the  
M. Anderson #1-3, is located 2,367 feet from  
the north line and 1,693 feet from the west line  
in the SE SW SE NW of Section 3, Township 13  
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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

November 8, 2010

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

RE: Approved Commingling CO101001  
M. Andersen 1-3, Sec. 3-T13S-R32W, Logan County  
API No. 15-109-20922-00-01

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 October 26, 2010 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	
Vertigris	1	0	3	4520-4523
Ft. Scott	1	0	3	4467-4474
Lansing "I"	1	0	4	4227-4234
Total Estimated Current Production	3	0	10	

Based upon the depth of the Vertigris 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 CO101001 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