



KANSAS CORPORATION COMMISSION 1052013
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.

JOB LOG

SWIFT Services, Inc.

DATE 22 FEB 11 PAGE NO. 1

CUSTOMER Grand MESA WELL NO. 2-31 LEASE Phelps JOB TYPE acidize Perfs TICKET NO. 20095

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								800 gal 15% MCA 2 3/4 x 5 1/2
								packer - spot - 4520' test - 4496'
								perfs 4526-4545 fluid level 3900'
	1135							on loc TRK 114
	1145		6					spot 6 bbl
	1150	5				0		start down hole w/acid (19 bbl)
		1	15			0		increase rate
	1210	3 3/4	48			0		
								no pressure 3 1/2 max rate 48 bbl 10 ASD
								Back up
	1240							job complete
								Links Blair & Dave

AFFIDAVIT OF NOTICE SERVED

RE: Application for Commingling of Production

Well Name: Phelps #2-31

Legal Location: SW/SW/SW Section 31-13S-31W, Gove County, Kansas

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 22nd day of February, 2011, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Ritchie Exploration, Inc., 8100 E. 22nd North, Bldg 700, Wichita, KS 67226
Pioneer Resources, c/o Rodger Wells, 80 Windmill Dr., Phillipsburg, KS 67661

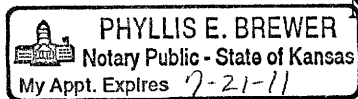
I further attest that notice of the filing of this application was published in **The Gove County Advocate**, the official county publication of **Gove County**, Kansas and the **Wichita Eagle**, Wichita, Kansas. Copies of these affidavits of publication are attached.

Signed this 22nd day of February, 2011.


Applicant of Duly Authorized Agent: _____


Patrick R. Reilly, VP Operations

Subscribed and sworn to before me this 22nd day of February, 2011.



Notary Public: _____


Phyllis E. Brewer, Notary Public
11817 W. Jamesburg St.
Wichita, KS 67212

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My Commission Expires: July 21, 2011

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 Phelps #2-31, located in Gove County, Kansas.

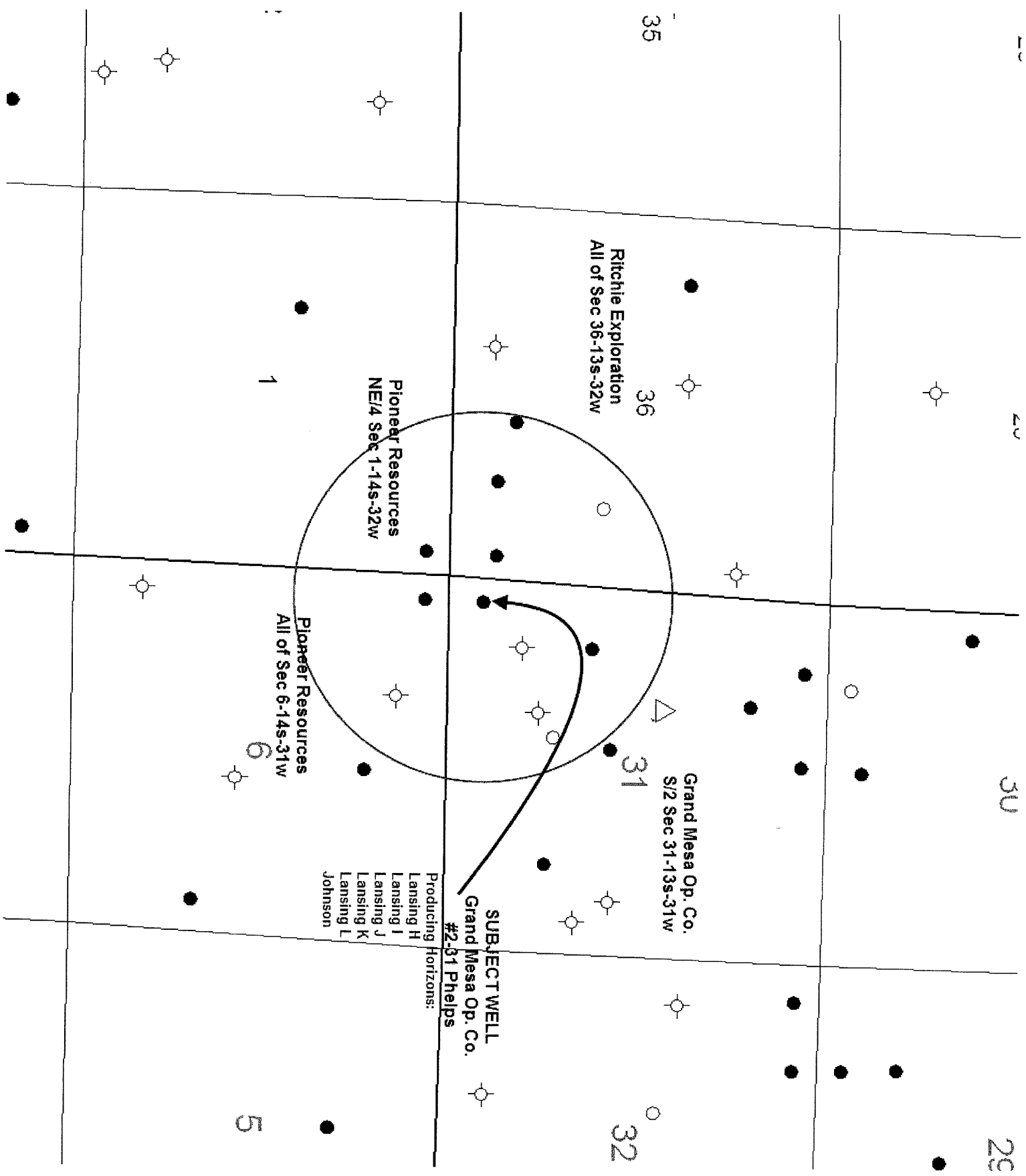
TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners and all persons concerned.

You, and each of you, are hereby notified that Grand Mesa Operating Company – has filed an application for commingling production or fluids from the Lansing and the Johnson Formations. The subject well, the Phelps #2-31, is located 482 feet from the south line and 330 feet from the west line in the N/2 SW SW SW of Section 31, Township 13 South, Range 31 West, Gove 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



35
36
31
32

Ritchie Exploration
All of Sec 36-13s-32w

Pioneer Resources
NE/4 Sec 1-14s-32w

Pioneer Resources
All of Sec 6-14s-31w

Grand Mesa Op. Co.
S/2 Sec 31-13s-31w

SUBJECT WELL
Grand Mesa Op. Co.
#2-31 Phelps

Producing Horizons:

- Lansing H
- Lansing I
- Lansing J
- Lansing K
- Lansing L
- Johnson

1

6

5

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, 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 # 31985
Name: Gonzales Well Service
Wellsite Geologist: Steven P. Carl
Purchaser: NCRA

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: Grand Mesa Operating Company

Well Name: Phelps #2-31

Original Comp. Date: 11/04/2009 Original Total Depth: 4670'

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 #: _____

<u>02/14/2011</u>	<u>02/23/2011</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 063-21802-00-00

Spot Description: 482' FSL & 330' FWL

N/2 SW SW SW Sec. 31 Twp. 13 S. R. 31 East West

482 Feet from North / South Line of Section

330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Gove

Lease Name: Phelps Well #: 2-31

Field Name: Maurice Northeast

Producing Formation: Lansing/Johnson

Elevation: Ground: 2934 Kelly Bushing: 2944

Total Depth: 4670 Plug Back Total Depth: 4648

Amount of Surface Pipe Set and Cemented at: 213 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2442 Feet

If Alternate II completion, cement circulated from: 2442

feet depth to: Surface w/ 275 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 16,600 ppm Fluid volume: 660 bbls

Dewatering method used: Evaporate & backfill

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] RONALD N. SINCLAIR

Title: President Date: March 9, 2011

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: Phelps Well #: 2-31
 Sec. 31 Twp. 13 S. R. 31 East West County: Gove

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Same as Original ACO-1
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4526-4545'	800 Gals. 15% MCA Acid	4526-45'

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>4609'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>02/23/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>116</u>	Gas Mcf	Water Bbls. <u>182</u> Gas-Oil Ratio _____ Gravity <u>35.4</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) _____	PRODUCTION INTERVAL: <u>Commingled zones</u>
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JOB LOG

SWIFT Services, Inc.

DATE 22 FEB 11 PAGE NO.

CUSTOMER Grand MCA WELL NO. 2-31 LEASE Phelps JOB TYPE acidize Phelps TICKET NO. 20095

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								800 gal 15% MCA 2 3/4 x 5 1/2
								packer - spot - 4520' trout - 4496'
								phs 4526-4545 fluid level 3900'
	1135							on loc TRK 114
	1145		6					spot 6 bbl
	1155	5				0		start down w/6 w/acid (19 bbl)
		1	15			0		increase rate
	1210	3 1/2	48			0		
								no pressure 3 1/2 max rate 48 bbl 10 min
								rack up
	1240							job complete
								Thanks Blair & Dave

**GRAND
MESA**

OPERATING COMPANY

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

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

February 22, 2011

Ritchie Exploration, Inc.
8100 E. 22nd North, Bldg 700
Wichita, KS 67226

RE: Application for Commingling
Phelps #2-31; N/2/SW/SW/SW Sec. 31-13S-31W
Gove 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 production 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



Patrick R. Reilly
VP Operations

PRR;peb

Enclosures

**GRAND
MESA**

OPERATING COMPANY

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

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

February 22, 2011

Pioneer Resources
c/o Mr. Rodger D. Wells
80 Windmill Dr.
Phillipsburg, KS 67661

RE: Application for Commingling
Phelps #2-31; N/2/SW/SW/SW Sec. 31-13S-31W
Gove 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 production 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



Patrick R. Reilly
VP Operations

PRR;peb

Enclosures

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 25th of

February A.D. 2011, with

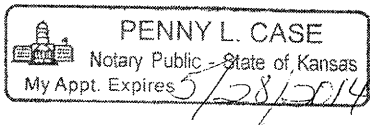
subsequent publications being made on the following dates:

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 February, 2011



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$108.40

LEGAL PUBLICATION

Published in the Wichita Eagle
February 25, 2011 (3100422)
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 Phelps #2-31, located in Gove 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 Lansing and the Johnson Formations. The subject well, the Phelps #2-31, is located 482 feet from the south line and 330 feet from the west line in the N/2 SW SW of Section 31, Township 13 South, Range 31 West, Gove 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 PUBLICATION

State of Kansas,
Gove County, ss:

Roxanne Broeckelman

being first duly sworn, deposes and
says: That she is
co-publisher of

Gove County Advocate, a weekly
newspaper printed in the State of
Kansas, and published in and of
general circulation in Gove County,
Kansas, with a general paid
circulation on a weekly basis in
Gove County, Kansas, and that said
newspaper is not a trade, religious
or fraternal publication.

Said newspaper is a weekly
published at least 50 times a year;
and 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 in
Quinter in said county as periodical
class mail matter.

That the attached notice is a true
copy thereof and was published in
the regular and entire issue of said
newspaper for one
consecutive week(s), the first
publication thereof being made as
aforesaid on the 2nd day
of March, 2011,
with subsequent publications being
made on the following dates:

Printer's Fee \$ 26.95
Additional Copies \$ _____
Affidavit Fees \$ 2.00
Total Publication Fees \$ 28.95

Roxanne Broeckelman

Subscribed and sworn to before me
this 2nd day of
March, 2011

Linda L. Zerr
Notary Public
My commission expires:

LEGAL ADVERTISING
(Published in the Gove County Advocate
Quinter, KS, Wed., March 2, 2011, 11)
**BEFORE THE STATE CORPORATION AND
COMMISSION OF THE STATE
OF KANSAS**
NOTICE OF FILING APPLICATION
RE: Grand Mesa Operating Company, License
#9855- Application for a commingling of pro-
duction for the Phelps #2-31, located in Gove
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 Lansing and the Johnson
Formations. The subject well, the Phelps #2-31,
is located 482 feet from the south line and 330
feet from the west line in the N/2 SW SW of
Section 31 Township 13 South Range 31
West, Gove County, Kansas.
Any persons who object to or protest this
application shall be required to file their objec-
tions 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
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and must state specific reasons why granting
the application may cause waste, violate cor-
relative 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

LINDA L. ZERR
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 1-8-2013



March 17, 2011

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

RE: Approved Commingling CO031101
Phelps #2-31, Sec. 31-T13S-R31W, Gove County
API No. 15-063-21802-00-01

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 March 9, 2011 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	
Lansing H-L	55	0	175	4134-4269
Johnson	61	0	7	4526-4545
Total Estimated Current Production	116	0	182	

Based upon the depth of the Johnson 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 CO031101 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