



KANSAS CORPORATION COMMISSION 1096739  
OIL & GAS CONSERVATION DIVISION

Form ACO-4  
Form must be typed  
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* **CO101212**  
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR License # 9855 API No 15 - 15-063-22030-00-00  
Name Grand Mesa Operating Company Spot Description \_\_\_\_\_  
Address 1 1700 N WATERFRONT PKWY BLDG 600 SW NE NE SE Sec 27 Twp 13 S R 31  East  West  
Address 2 \_\_\_\_\_ 2141 Feet from  North /  South Line of Section  
City WICHITA State KS Zip 67206 + 5514 541 Feet from  East /  West Line of Section  
Contact Person Ronald N. Sinclair County Gove  
Phone (316) 265-3000 Lease Name GLENNIS Well # 1-27

1 Name and upper and lower limit of each production interval to be commingled:  
Formation Ft. Scott (Perfs) 4389-4393  
Formation Vertigris (Perfs) 4421-4425  
Formation Johnson (Perfs) 4483-4487  
Formation \_\_\_\_\_ (Perfs) \_\_\_\_\_  
Formation \_\_\_\_\_ (Perfs) \_\_\_\_\_

2 Estimated amount of fluid production to be commingled from each interval  
Formation Ft. Scott BOPD 37 MCFPD 0 BWPD 3  
Formation Vertigris BOPD 5 MCFPD 0 BWPD 0  
Formation Johnson BOPD 37 MCFPD 0 BWPD 3  
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 11/1/2012  
Approved By Rick Hestermann Date 11/01/2012

*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*



KANSAS CORPORATION COMMISSION 1096700  
OIL & GAS CONSERVATION DIVISION

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

**CONFIDENTIAL**

**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 + 5514  
Contact Person: Ronald N. Sinclair  
Phone: (316) 265-3000  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Kent R. Matson  
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 #: \_\_\_\_\_

<u>08/06/2012</u>	<u>08/17/2012</u>	<u>09/21/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-22030-00-00  
Spot Description: \_\_\_\_\_  
SW NE NE SE Sec. 27 Twp. 13 S R 31  East  West  
2141 Feet from  North /  South Line of Section  
541 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Gove  
Lease Name: GLENNIS Well #: 1-27  
Field Name: Wildcat  
Producing Formation: Ft. Scott/Vertigris/Johnson  
Elevation, Ground: 2848 Kelly Bushing: 2853  
Total Depth: 4630 Plug Back Total Depth: 4613  
Amount of Surface Pipe Set and Cemented in: 219 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2355 Feet  
If Alternate II completion, cement circulated from: 2355  
feet depth to: 0 w/ 3/0 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 7200 ppm Fluid volume: 800 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 # \_\_\_\_\_

**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.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 10/11/2012  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 10/11/2012



1096700

Operator Name: Grand Mesa Operating Company Lease Name: GLENNIS Well #: 1-27  
 Sec 27 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: <b>Attached</b>				

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	24	219	Common Class A	165	3%CC, 2%Gel
Production	7.875	5.50	15.5	4624	EA2, w/additives	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	0-2355	SMD	300	
	-			

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	4483-4487	250gals. 15% HC-1 Acid w/additives	4483-4487
4	4421-4425	500gals. 15% HC-1 Acid w/additivs	4421-4425
4	4389-4393	500gals. 15% RWR-1 w/2% Biocide	4389-4393

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>4575</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/21/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>79</u>	Gas Mcf <u>0</u>	Water Bbls. <u>6</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-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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4389-93; 4421-25;</u> <u>4483-4487</u>
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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	GLENNIS 1-27
Doc ID	1096700

All Electric Logs Run

CPDCN Micro Log	
AI Shallow Focused Elect Log	
Microresistivity Log	
Dual Receiver Cement Bond Log	

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	GLENNIS 1-27
Doc ID	1096700

Tops

Stone Corral	2331	+522
Bs/Stone Corral	2356	+497
Heebner	3873	-1020
Lansing	3916	-1063
Muncie Creek	4065	-1212
Stark	4153	-1300
Marmaton	4255	-1402
Excello	4403	-1550
Mississippian	4536	-1683
LTD	4626	

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 207B  
Wichita, KS 67202-3802



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

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 11, 2012

Ronald N. Sinclair  
Grand Mesa Operating Company  
1700 N WATERFRONT PKWY BLDG 600  
WICHITA, KS 67206-5514

Re: ACO1  
API 15-063-22030-00-00  
GLENNIS 1-27  
SE/4 Sec.27-13S-31W  
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Ronald N. Sinclair

**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 17th day  
of October, 2012,  
with subsequent publications being  
made on the following dates:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Printer's Fee .....\$ 23.65  
Additional Copies .....\$ \_\_\_\_\_  
Affidavit Fees .....\$ 2.00  
Total Publication Fees \$ 25.65

Roxanne Broeckelman

Subscribed and sworn to before me  
this 17th day of  
October, 2012

Linda L. Zerr  
Notary Public

My commission expires:  
January 8, 2013

**LEGAL ADVERTISING**  
(Published in the Gove County Advocate,  
Quinter, KS, Wed., October 17, 2012 - 1)  
**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 pro-  
duction for the Glennis #1-27, 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 Ft. Scott, Vertigris and the  
Johnson Formations. The subject well, the  
Glennis #1-27, is located 2141 feet from the  
south line and 541 feet from the east line in the  
SW NE NE SE of Section 27, 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  
be filed pursuant to Commission regulations  
and must state specific reasons why granting  
the application may cause waste, violate correl-  
ative 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 M. Sinclair, President  
1700 N. Waterfront Pkwy, Bldg 600  
Wichita, KS 67206-5514  
(316) 295-3000

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

**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 15th of

October A.D. 2012, with

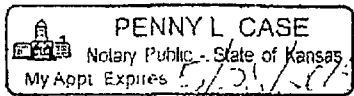
subsequent publications being made on the following dates:

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

15th day of October, 2012



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

Printer's Fee - \$110.80

**LEGAL PUBLICATION**

PUBLISHED IN THE WICHITA EAGLE  
OCTOBER 15, 2012 (3212658)  
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 Glenns #1-27, 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 Ft. Scott, Verligit, and the Johnson Formations. The subject well, the Glenns #1-27, is located 2141 feet from the south line and 541 feet from the east line in the SW NE NE SE of Section 27, 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 NOTICE SERVED

RE: Application for Commingling of Production

Well Name: Glennis #1-27

Legal Location: SW/NE/NE/SE Section 27-13S-31W, Gove County, Kansas

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 15<sup>th</sup> day of October, 2012, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Shakespeare Oil Company, Inc., 202 W. Main, Salem, IL 62881  
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 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.

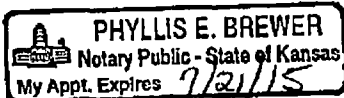
Signed this 15<sup>th</sup> day of October, 2012.

GRAND MESA OPERATING COMPANY

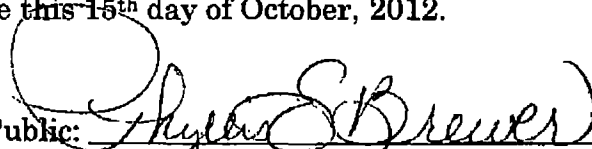
Applicant of Duly Authorized Agent:

  
Ronald N. Sinclair, President

Subscribed and sworn to before me this 15<sup>th</sup> day of October, 2012.



Notary Public:

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

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 Glennis #1-27, 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 Ft. Scott, Vertigris and the Johnson Formations. The subject well, the Glennis #1-27, is located 2141 feet from the south line and 541 feet from the east line in the SW NE NE SE of Section 27, 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**



**GRAND  
MESA**

**OPERATING COMPANY**

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

1700 N. WATERFRONT PARKWAY  
BLDG. 200  
WICHITA, KANSAS 67206-5514

October 11, 2012

Shakespeare Oil Company, Inc.  
202 W. Main  
Salem, IL 62881

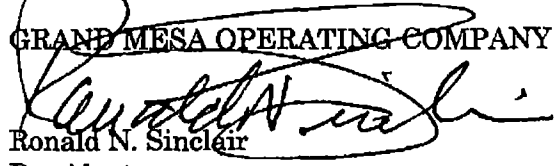
RE: Application for Commingling  
Glennis #1-27; SW/NE/NE/SE Sec. 27-13S-31W  
Gove County, Kansas

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~~

  
Ronald N. Sinclair  
President

RNS;peb

Enclosures

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



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

Mark Stevers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 1, 2012

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

RE: Approved Commingling CO101212  
Glennis 1-27, Sec.27-T13S-R31W, Gove County  
API No. 15-063-22030-00-00

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 October 22, 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	
Ft. Scott	37.0	0.0	3.0	4389-4393
Vertigris	5.0	0.0	0.0	4421-4425
Johnson	37.0	0.0	3.0	4483-4487
Total Estimated Current Production	79.0	0.0	6.0	

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 CO101212 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