



**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.*



Operator Name: Magnum Engineering Company Lease Name: Defenbaugh C.J. Well #: 19  
 Sec. 4 Twp. 34 S. R. 14  East  West County: Montgomery

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

GR-N

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Wayside sand 686'  
 Weiser 797'

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"	8 5/8"	20	21'	Portland	8	
Production	6 3/4"	4 1/2"	11.6	830'	Portland	90	

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				

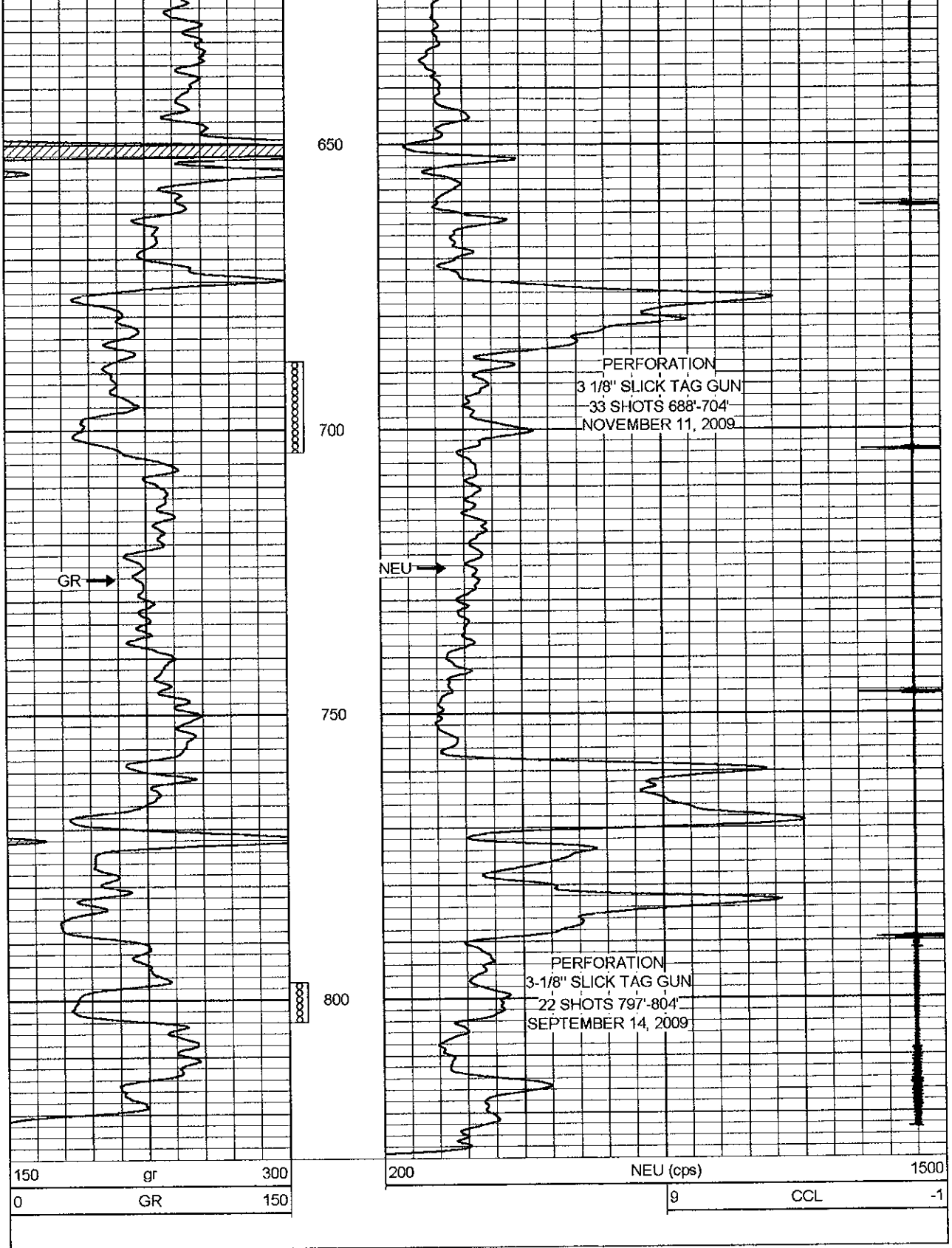
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	797'-804'	3 spf, 120 degree phase	
2	688'-704'	2 spf, 180 degree phase	

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or Enhr. 9/22/2009 (weiser), 11/17/09 (weiser & wayside) Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 3 to 5 (estimated) Gas Mcf \_\_\_\_\_ Water Bbls. 10-15 (estimated) Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>7' (weiser)</u> <u>16' (wayside)</u>
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Company	MAGNUM PRODUCING
Well	DEFENBAUGH C.J. #19
Field	WAYSIDE-HAVANA
County	MONTGOMERY SEC 4 TWP. 34S RGE. 14E
State	KANSAS Date 9-03-09



# MAGNUM

**MAGNUM ENGINEERING COMPANY**

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500 N. SHORELINE • SUITE 322 • CORPUS CHRISTI, TEXAS 78471  
TEL 361/882-3858 • FAX 361/884-9355

November 16, 2009

To: All Land Owners, Operators or Lessee of Record, Unleased Mineral Rights Owners within 1/2 mile of the Applicant wells.

RE: Application for commingling of production

Enclosed is a copy of Kansas Corporation Commission Form ACO-4 on the referenced subject for commingling of production from well # 19 of Defenbaugh C.J. lease in Sec 4 T34S R14E, Montgomery County, Kansas. This copy is sent to you for your information and comments, if any in pursuant to KCC regulations. This application is being filed with Kansas Corporation Commission for their approval for such purpose. A legal notice to this affect is also being published in Coffeyville Journal of Montgomery County and Wichita Eagle newspaper.

Should you have any comment, require additional information or clarification; please do not hesitate to call our office and Kansas Corporation Commission.

Thanking you,

Sincerely,



Anil Pahwa

Phone: 361-882-3858, ext. 111

Encls:

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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 # 33702  
Name: Magnum Engineering Company  
Address 1: 500 N. Shoreline Blvd., Suite 322  
Address 2: \_\_\_\_\_  
City: Corpus Christi State: TX Zip: 78471 + 1006  
Contact Person: Anil Pahwa  
Phone: (361) 882-3858 Ext. 111

API No. 15 - 125-31884  
Spot Description: \_\_\_\_\_  
NW SW NE SE Sec. 4 Twp. 34 S. R. 14  East  West  
1,720 Feet from  North /  South Line of Section  
1,100 Feet from  East /  West Line of Section  
County: Montgomery  
Lease Name: Defenbaugh C.J. Well #: 19

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: Weiser (Perfs): 797'-804'  
Formation: Wayside sand (Perfs): 688'-704'  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: Weiser BOPD: 1 (estimated) MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: Wayside sand BOPD: 2 (estimated) 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.

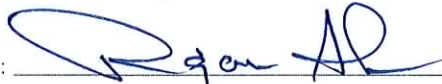
For Commingling of PRODUCTION ONLY, include the following:

- 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.

Signature:   
Printed Name: RAJAN AHUJA  
Title: VP - Operations of Magnum O & G, Inc.  
General Partner of Magnum Producing, LP

**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.

**Exhibit "A" (see Form ACO-4)**

**Defenabugh Well #19**

Magnum Engineering Company  
500 N. Shoreline Blvd., Suite 322  
Corpus Christi, TX 78471

**I. Lessees/Operators**

CEP Cherokee Basin, LLC  
500 Dallas Street, Suite 3300  
Houston, TX 77002

SW/4, Section 3, T34S, R14E,  
Montgomery County, Kansas

Dart Cherokee Basin Operating  
Company, L.L.C.  
600 Dart Road  
P.O. Box 177  
Mason, MI 48854-0077

W/2 NW/4 lying South of RR,  
Section 3, T34S, R14E,  
Montgomery County, Kansas

Horton Oil Co., Inc.  
RR 1, Box W-19  
Independence, KS 67301

W/2 NE/4, North of RR, Section  
4, T34S, R14E, Montgomery  
County, Kansas

Kyler A. Finney  
d/b/a Finney Oil Company  
P.O. Box 87  
Wann, OK 74083

(Oil) W/2 NW/4 lying South of  
RR, Section 3, T34S, R14E,  
Montgomery County, Kansas

Chipmunk Oil  
P.O. Box 252  
Copan, OK 74022

W/2 NW/4, Section 9, T34S,  
T14E, Montgomery County,  
Kansas

**II. Landowners**

Leo Gullick  
Route 3  
Independence, KS 67301

SW/4 NW/4, Section 3

Kaminska, Inc.  
P.O. Box 343  
Tyro, KS 67364

SW/4, Section 3, less tract

Craig Kaminska and  
Erin Kaminska  
2836 CR 2100  
Havana, KS 67347

Tract (328' x 1328') in NW/4  
SW/4, Section 3

Trustees of the Betty C. Horton  
Revocable Trust Dated  
December 18, 2001  
1958 CR 3000  
Independence, KS 67301

SW/4 NE/4, Section 4



Nadine Watson  
204 East Church Wayside  
Independence, KS 67301

SE/4 NE/4, Section 4

Surface Rights

Trustees of the R.W. Banks  
Living Trust, dated 2/24/01  
415 N. Lincoln  
Bennington, KS 67422

SE/4 NE/4, Section 4

Minerals Only

Richard Eugene Defenbaugh  
and Monica B. Defenbaugh  
212 Yellow Rose Trail  
Georgetown, TX, 78633

SE/4, Section 4

Van B. Ward and  
Sharon D. Ward  
108 North Vine Street  
Caney, KS 67333

S/2 NW/4, Section 4

James M. Tremain  
and Mary Ann Tremain  
1937 CR 2800  
Havana, KS 67347

E/2 SW/4, Section 4

Michael L. Tremain  
and Karen S. Tremain  
1925 CR 2800  
Havana, KS 67347

W/2 SW/4, Section 4

Margaret V. Fuqua Trust  
1027 SE Swane Dr., Apt. 20  
Bartlesville, OK 74006

W/2 NW/4, Section 9

Jimmy L. Huffman  
and Virginia F. Huffman  
1966 CR 2800  
Havana, KS 67347

E/2 NW/4 and NE/4 NE/4  
and W/2 NE/4, Section 9

Garry Bowersock  
500 East Church (Wayside)  
Independence, KS 67301

E/2 NW/4, North of Right of  
Way, Section 3, T34S, R14E,  
Montgomery County, Kansas

Aaron David Bird and  
Donna Carol Bird  
2140 South U.S. Hwy 75  
Independence, KS 67301

E/2 NW/4, South of RR, Section  
3, T34S, R14E, Montgomery  
County, Kansas

Leo Gullick, Sr.  
Route 3  
Independence, KS 67301

W/2 NW/4, South of RR, Section  
3, T34S, R14E, Montgomery  
County, Kansas

Betty C. Horton Revocable  
Trust, dated 12/18/01  
1958 CR 3000  
Independence, KS 67301

W/2 NE/4, less tracts, Section 4,  
T34S, R14E, Montgomery  
County, Kansas

Jack H. Horton and  
Patricia A. Horton  
1167 Road 4  
Sedan, KS 67361

Tract in W/2 NE/4, Section 4,  
T34S, R14E, Montgomery  
County, Kansas

Phillip E. McKee  
and Ruth C. McKee  
1960 CR 3000  
Independence, KS 67301

Tract in W/2 NE/4, Section 4,  
T34S, R14E, Montgomery  
County, Kansas

Van B. Ward and  
Sharon D. Ward  
108 Vine Street  
Caney, KS 67333

N/2 NW/4, Section 4, T34S,  
R14E, Montgomery County,  
Kansas

Edward L. Hiner  
3479 CR 2700  
Independence, KS 67301

NW/4, Section 10  
50%

James C. Hiner, Jr.  
2679 CR 2100  
Havana, KS 67347

NW/4, Section 10  
50%

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeeth 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 - weeks, that the first publication of said notice was

made as aforesaid on the 16th of

November A.D. 2009, 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

16th day of November, 2009

LINDA D. TOON
Notary Public - State of Kansas
My Appt. Expires 3-15-2013

Linda D. Toon

Notary Public Sedgwick County, Kansas

Printer's Fee: \$64.00

LEGAL PUBLICATION

Published in The Wichita Eagle
(2999396)

November 16, 2009

You, and each of you, are hereby notified that Magnum Engineering Company has filed an application to commence the commingling of oil production from the well Defenbaugh #19 located in N/2 of SE/4 of Section 4, T34S, R14E in Montgomery County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the Kansas Corporation Commission within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to regulations and must state specific reasons why the grant of the application may cause waste violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.

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

Magnum Engineering Company
License No. 33702
500 N. Shoreline Blvd., Suite 322
Corpus Christi, TX 78471
(361) 882-3858

Affidavit of Publication

STATE OF KANSAS, }  
Montgomery County } SS.

*Hayley Henderson*

Of lawful age, being first duly sworn, deposes and says, that he is  
*Classified Representative*  
of THE COFFEYVILLE JOURNAL, that same is a daily newspaper; that said newspaper prior to the date of the first publication of notice hereinafter referred to and at the present time was and now is admitted to the mail as second class matter in Montgomery County, Kansas. That said newspaper is of general circulation in said County and has been continuously and uninterruptedly published in said county during the period of one year prior to the first publication hereinafter mentioned; that the notice, a true copy of which is hereto attached, was published in the regular and entire issue of each number of said newspaper for

*One* consecutive *Day*

The first publication being *November 15, 20 09*

And the last publication being *November 15, 20 09*  
And further affiant *Hayley Henderson*

Subscribed and sworn to before me this *16* day of

*November, 20 09*



*J. Grant* Notary Public.

*1-20, 20 12*

Printer's Fee \$..... Paid *\$ 30.00*, 20.....

(first published in The Coffeyville Journal on Sunday, November 15, 2009)

LEGAL NOTICE

You and each of you are hereby notified that Magnum Engineering Company has filed an application for commencing the commencing of production from the well identified as N/2 of SE 1/4 of Section 41, T4S, R1E, in Montgomery County, Kansas.

Any persons who object to or protest applications shall be required to file the objections or protests with the Conservation Division of the Kansas Corporation Commission within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to regulations and must state specific reasons why the grant of the application may cause or violate correlative rights or pollute the material resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.

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

Magnum Engineering Company  
License No. 33702  
500 N. Shoreline Blvd.  
Suite 222  
Corpus Christi, TX 78471  
(361) 882-3858



Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Michael C. Moffet, Commissioner  
Joseph F. Harkins, Commissioner

December 4, 2009

Anhil Pahwa  
Magnum Engineering Company  
500 N. Shoreline Blvd., Suite 322  
Corpus Christi, TX 78471-1006

RE: Approved Commingling CO110902  
Defenbaugh C. J. #19, Sec. 4-T34S-R14E, Montgomery County  
API No. 15-125-31884-00-00

Dear Mr. Pahwa:

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 November 30, 2009 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	
Weiser	1 (est.)	0	2 (est.)	797-804
Wayside Sand	4 (est.)	0	12 (est.)	688-704
Total Estimated Current Production	5 (est.)	0	14 (est.)	

Based upon the depth of the Weiser formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Docket Number CO110902 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