



KANSAS CORPORATION COMMISSION 1086598  
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 # CO101202

OPERATOR: License # 33343  
Name: PostRock Midcontinent Production LLC  
Address 1: Oklahoma Tower  
Address 2: 210 Park Ave, Ste 2750  
City: OKLAHOMA CITY State: OK Zip: 73102 +  
Contact Person: CLARK EDWARDS  
Phone: (620) 432-4200

API No. 15 - 15-099-23509-00-00  
Spot Description: \_\_\_\_\_  
W2 E2 NE NE Sec. 24 Twp. 33 S. R. 18  East  West  
\_\_\_\_\_ Feet from  North /  South Line of Section  
660  
510 Feet from  East /  West Line of Section  
County: Labette  
Lease Name: MAHAN FAMILY TRUST Well #: 24-1

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: RIVERTON (Perfs): 778-781  
Formation: BARTLESVILLE (Perfs): 562-566  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: RIVERTON BOPD: 0 MCFPD: 0 BWPD: 0  
Formation: BARTLESVILLE BOPD: 3 MCFPD: 0 BWPD: 20  
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:**

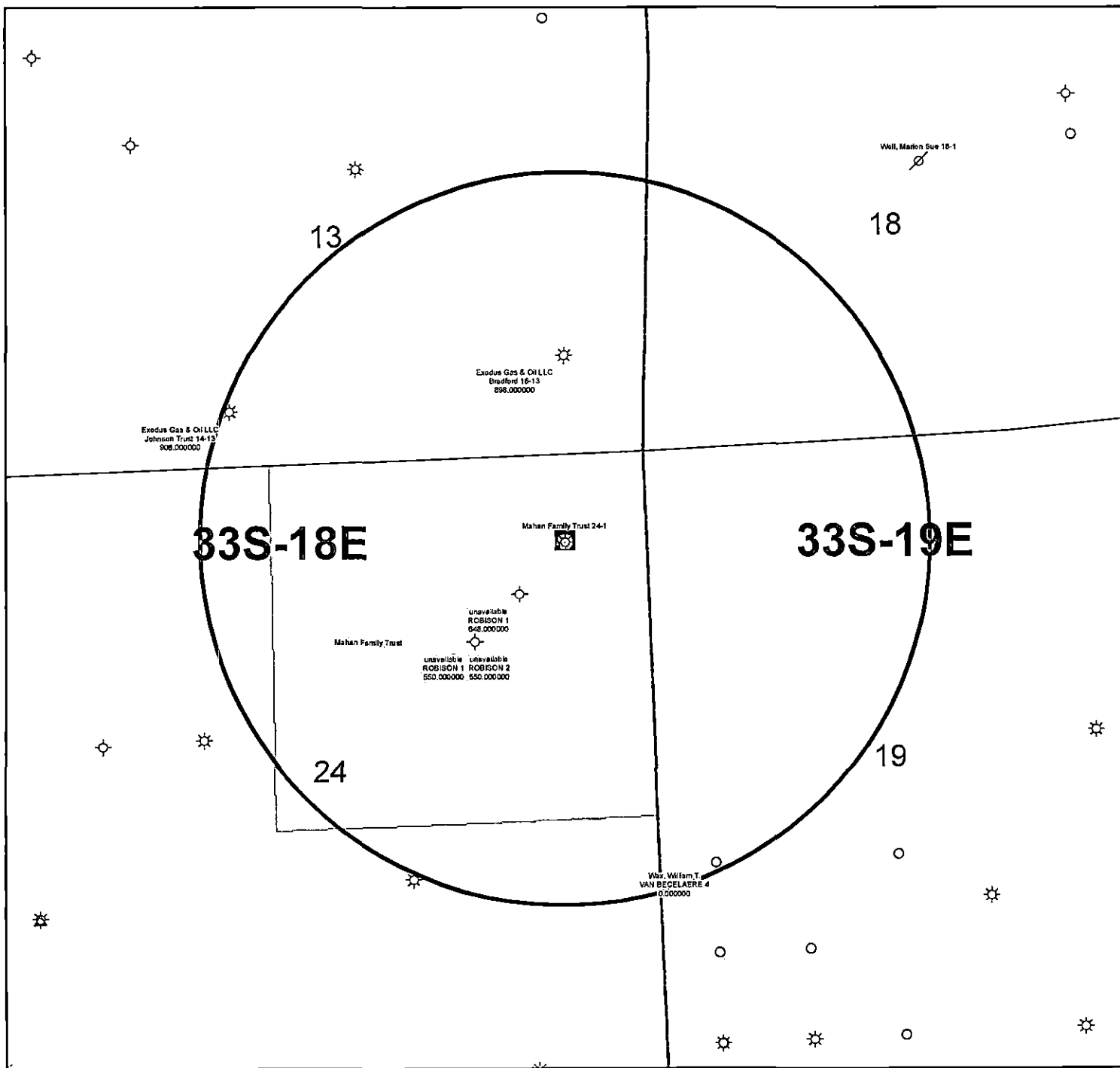
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**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: 10/16/2012  
Approved By: Rick Hestermann Date: 10/16/2012

*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.*



KGS STATUS	
⊕	DA/PA
⊗	EOR
⊛	GAS
△	INJ/SWD
●	OIL
⊛	OIL/GAS
○	OTHER

Mahan Family Trust 24-1  
 24-33S-18E  
 1" = 1,000'

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

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 33344  
Name: Quest Cherokee Oilfield Service, LLC  
Address: 211 W. 14th Street  
City/State/Zip: Chanute, KS 66720  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Richard Martin  
Phone: (620) 431-9500  
Contractor: Name: Well Refined Drilling Company, Inc.  
License: 33072

Wellsite Geologist: Michael Ebers

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>05/26/04</u>	<u>05/27/04</u>	<u>06/04/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23509-00-00

County: Labette

\_\_\_\_\_ ne - ne Sec. 24 Twp. 33 S. R. 18  East  West

660 feet from S /  N (circle one) Line of Section

510 feet from  E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one)  NE    SE    NW    SW

Lease Name: Mahan Family Trust Well #: 24-1

Field Name: Cherokee Basin CBM

Producing Formation: Not yet complete

Elevation: Ground: 852' Kelly Bushing: \_\_\_\_\_

Total Depth: 835' Plug Back Total Depth: 824.59'

Amount of Surface Pipe Set and Cemented at 20' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 824.59'

feet depth to surface \_\_\_\_\_ w/ 106 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT #2 KGR 5/9/07  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: **RECEIVED**  
**KANSAS CORPORATION COMMISSION**

Operator Name: \_\_\_\_\_ **APR 11 2005**

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. **CONSERVATION DIVISION**  
**WICHITA, KS**

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: Richard Martin

Title: Chief Operating Officer Date: 4/2/05

Subscribed and sworn to before me this 7<sup>th</sup> day of April

20 05.

Notary Public: Jennifer R. Houston

Date Commission Expires: 7/30/05

**JENNIFER R. HOUSTON**  
Notary Public - State of Kansas  
My Appt. Expires 7/30/05

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Mahan Family Trust Well #: 24-1  
 Sec. 24 Twp. 33 S. R. 18  East  West County: Labette

**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:

Comp Density/Neutron  
 Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Lenapah Lime	Absent	Absent
Altamont Lime	Absent	Absent
Pawnee Lime	173'	+676'
Oswego Lime	251'	+598'
Verdigris Lime	407'	+442'
Mississippi Lime	790'	+59'

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
Surface	12 1/4"	8-5/8"	24.75#	20'	"A"	4sxs	
Production	6 3/4"	4 1/2"	10.5#	824.59'	"A"	106sx	

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
None	Waiting On Pipeline	<p style="text-align: center;"><b>RECEIVED</b>  <b>KANSAS CORPORATION COMMISSION</b>  <b>APR 11 2005</b>  <b>CONSERVATION DIVISION</b>  <b>WICHITA, KS</b></p>	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

	A	B	C	D	E	F	G	H	I	J	K
1	Produced Fluids #		1	2	3	4	5		Click here to run SSP Click Click Goal Seek SSP Click		
2	Parameters	Units	Input	Input	Input	Input	Input				
3	Select the brines	Select fluid by checking the box(es),	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mixed brine:			
4	Sample ID							Cell H28 is			
5	Date	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	1/20/2012	STP calc. pH.			
6	Operator	PostRock	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38			
7	Well Name	Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	Clinesmith	are used in			
8	Location	#34-1	#4-1	#5-4	#1	#2	#2	mixed brines			
9	Field	CBM	CBM	Bartles	Bartles	Bartles	Bartles	calculations.			
10	Na <sup>+</sup>	(mg/l)*	19,433.00	27,381.00	26,534.00	25,689.00	24,220.00	24,654.20	Initial(BH)	Final(WH)	SUSR (Final-Initial)
11	K <sup>+</sup> (if not known =0)	(mg/l)						0.00	Saturation Index values		
12	Mg <sup>2+</sup>	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite		
13	Ca <sup>2+</sup>	(mg/l)	1,836.00	2,452.00	2,044.00	1,920.00	1,948.00	2,040.23	-0.73	-0.60	0.13
14	Sr <sup>2+</sup>	(mg/l)						0.00	Barite		
15	Ba <sup>2+</sup>	(mg/l)						0.00			
16	Fe <sup>2+</sup>	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite		
17	Zn <sup>2+</sup>	(mg/l)						0.00	-1.77	-1.80	-0.03
18	Pb <sup>2+</sup>	(mg/l)						0.00	Gypsum		
19	Cl <sup>-</sup>	(mg/l)	36,299.00	48,965.00	47,874.00	45,632.00	43,147.00	44,388.44	-3.19	-3.18	0.00
20	SO <sub>4</sub> <sup>2-</sup>	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate		
21	F <sup>-</sup>	(mg/l)						0.00	-3.96	-3.90	0.06
22	Br <sup>-</sup>	(mg/l)						0.00	Anhydrite		
23	SiO <sub>2</sub>	(mg/l) SiO <sub>2</sub>						0.00	-3.47	-3.36	0.12
24	HCO <sub>3</sub> Alkalinity**	(mg/l as HCO <sub>3</sub> )	190.00	234.00	259.00	268.00	254.00	241.03	Celestite		
25	CO <sub>3</sub> Alkalinity	(mg/l as CO <sub>3</sub> )									
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide		
27	Ammonia	(mg/L) NH <sub>3</sub>						0.00	-0.16	-0.22	-0.06
28	Borate	(mg/L) H <sub>3</sub> BO <sub>3</sub>						0.00	Zinc Sulfide		
29	TDS (Measured)	(mg/l)						72781			
30	Calc. Density (STP)	(g/ml)	1.038	1.051	1.050	1.048	1.045	1.047	Calcium fluoride		
31	CO <sub>2</sub> Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16			
32	H <sub>2</sub> S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate		
33	Total H <sub>2</sub> Saq	(mgH <sub>2</sub> S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23
34	pH, measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)		
35	Choose one option to calculate SI?	0-CO <sub>2</sub> +Alk, 1-pH+Alk, 2-CO <sub>2</sub> +pH	0	0	0	0	0	0	Calcite	NTMP	
36	Gas/day(thousand cf/day)	(Mcf/D)						0	0.00	0.00	
37	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP	
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00	
39	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)								(Enter H40-H43) pH		
40	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60	
41	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)		
42	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826	
43	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml <sup>3</sup> C)		
44	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959	
45	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)		
46	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP	
47	MeOH/Day	(B/D)	0					0	0.00	0.00	
48	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP	
49	Conc. Multiplier								0.00	0.00	
50	H <sup>+</sup> (Strong acid) †	(N)									
51	OH <sup>-</sup> (Strong base) †	(N)									
52	Quality Control Checks at STP:										
53	H <sub>2</sub> S Gas	(%)									
54	Total H <sub>2</sub> Saq (STP)	(mgH <sub>2</sub> S/l)									
55	pH Calculated	(pH)									
56	PCO <sub>2</sub> Calculated	(%)									
57	Alkalinity Calculated	(mg/l) as HCO <sub>3</sub>									
58	ΣCations=	(equiv./l)									
59	ΣAnions=	(equiv./l)									
60	Calc TDS=	(mg/l)									
61	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)			Value		
62	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value		
63	Have ScaleSoft/Fitner			2	BHPMP	°C	80	°F	176		
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m <sup>3</sup>	100	ft <sup>3</sup>	3,531		
65	If No, inhibitor # is:	4	#	4	DTPMP	m <sup>3</sup>	100	bb(42 US gal)	629		
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074		
67	1 <sup>st</sup> inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194		
68	% of 1 <sup>st</sup> inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193		
69	2 <sup>nd</sup> inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	238		
70	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bb(42 US gal)	63		
71				10	Mixed						

## Saturation Index Calculations

*Champion Technologies, Inc.*

(Based on the Tomson-Oddo Model)

**Brine 1:** Ward Feed Yard 34-1

**Brine 2:** Ward Feed Yard 4-1

**Brine 3:** Clinesmith 5-4

**Brine 4:** Clinesmith 1

**Brine 5:** Clinesmith 2

Component (mg/L)	Ratio					
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	Mixed Brine
Calcium	1836	2452	2044	1920	1948	1952
Magnesium	1096	872	1200	953	858	865
Barium	0	0	0	0	0	0
Strontium	0	0	0	0	0	0
Bicarbonate	190	234	259	268	254	253
Sulfate	1	1	8	1	1	1
Chloride	36299	48965	47874	45632	43147	43206
CO <sub>2</sub> in Brine	246	220	264	422	405	401
Ionic Strength	1.12	1.48	1.46	1.38	1.31	1.31
Temperature (°F)	89	89	89	89	89	89
Pressure (psia)	50	50	120	120	120	119

### Saturation Index

Calcite	-1.71	-1.41	-1.48	-1.68	-1.69	-1.69
Gypsum	-3.71	-3.64	-2.82	-3.73	-3.72	-3.69
Hemihydrate	-3.70	-3.65	-2.83	-3.74	-3.71	-3.69
Anhydrite	-3.89	-3.79	-2.97	-3.89	-3.88	-3.85
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A

### PTB

Calcite	N/A	N/A	N/A	N/A	N/A	N/A
Gypsum	N/A	N/A	N/A	N/A	N/A	N/A
Hemihydrate	N/A	N/A	N/A	N/A	N/A	N/A
Anhydrite	N/A	N/A	N/A	N/A	N/A	N/A
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A



PostRock

### Wellbore Schematic

WELL: Mahan Family Trust 24-1

SSI: 603690

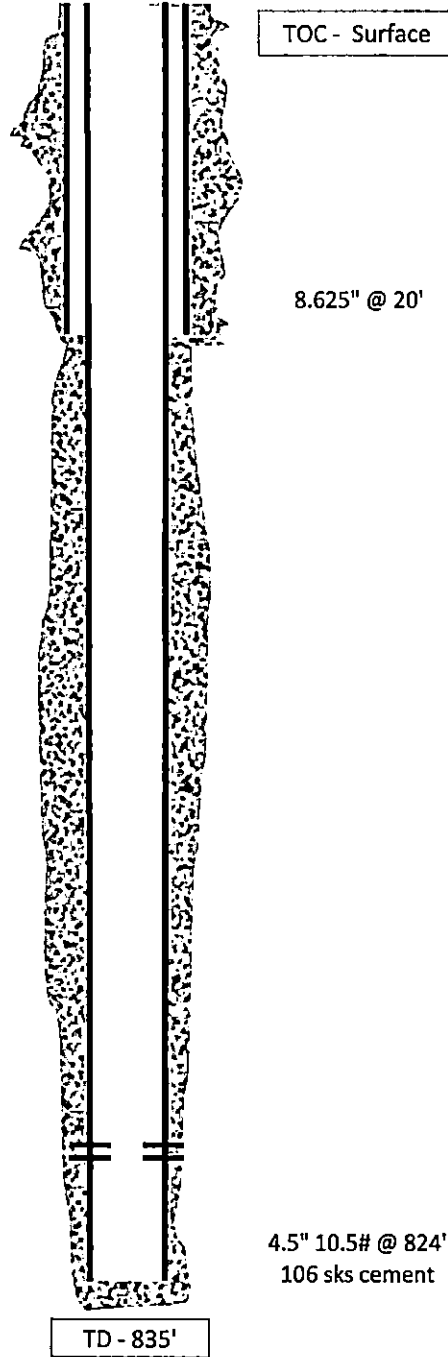
API: 15-099-23509-00-00

LOCATION: NE NE Sec. 24-33S-18E

COUNTY: Labette

STATE: Kansas

Casing	8.625" @ 20' 4.5" 10.5# J-55, 4.05" ID w/ 0.0159 bbl/ft capacity @ 824'
Perforations	Original Perfs: 11/4/2005 - Riverton 778-781 (13)
Completions	Spud Date: 5/25/2004  -No completion Data found.  - Comp Rec states this was drilled as a development well



**Affidavit of Notice Served**

Re: Application for: APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS ACO-4

Well Name: MAHAN FAMILY TRUST 24-1 Legal Location: W2E2NENE S24-T33S-R18E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 1<sup>st</sup> of October, 2012, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

*Note: A copy of this affidavit must be served as a part of the application.*

Name	Address (Attach additional sheets if necessary)
EXODUS GAS & OIL LLC	1701 WALNUT ST, 4TH FL, KANSAS CITY, MO 64108
WILLIAM T WAX	PO BOX 276, MCCUNE, KS 66753
SEE ATTACHED	

I further attest that notice of the filing of this application was published in the PARSONS SUN, the official county publication of LABETTE county. A copy of the affidavit of this publication is attached.

Signed this 1<sup>st</sup> day of October, 2012

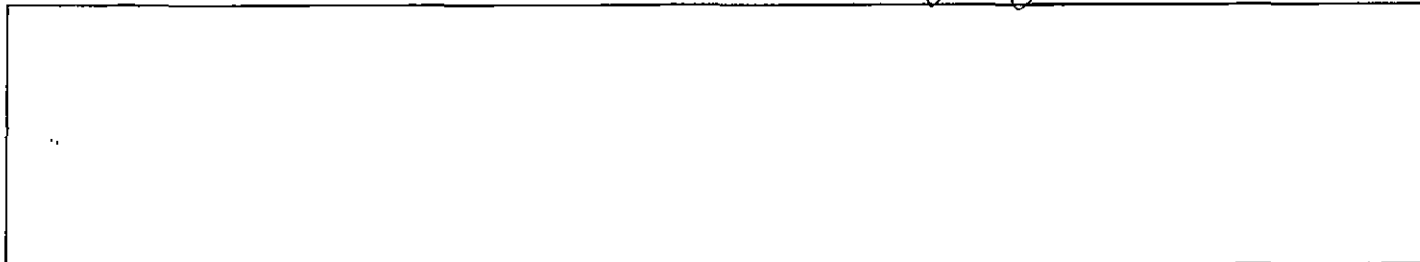
Jerry Mann  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 1<sup>st</sup> day of October, 2012



Jennifer R Beal  
Notary Public

My Commission Expires: July 20, 2014





*MAHAN FAMILY TRUST 24-1*

**18-33S-19E**

*per Cursory OR dtd 6.2.04*

SW4 Brian Tucker, Keith Tucker, and Gail Tucker as JT  
13002 Irving Road  
Mound Valley, KS 67354

**13-33S-18E**

*per OR dtd 11.11.01*

E2SE4 & E 60 acres of W2SE4 Barry D. Bradford  
(140 net acres) 1205 Pratt Road  
Altamont, KS 67330

Rest of the SE4 & E2 SW4 Lloyd M. Schlatter  
1311 Chisholm Ln  
Oswego, KS 67356

**24-33S-18E**

NW4 Duane L. & Nancy F. Johnson  
(portion) 606 Park St  
Cherryvale, KS 67335

SE4 1/2) William L. Beneke and Shirley A.  
(portion) Beneke, Trustees under Trust  
1855 24000 Rd  
Parsons, KS 67357

1/2) Rodney J. Beneke Revocable Living  
1855 24000 Rd  
Parsons, KS 67357

**19-33S-19E**

NW4 Larry D. Goldsmith  
929 12000 Rd  
Altamont, KS 67330

SW4 Fred & Treva Vanbecelaere  
(portion) 2513 E 4th  
Pittsburg, KS 66762

MAHAN FAMILY TRUST 24-1-APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

\_\_\_\_\_

\_\_\_\_\_

**Offset Operators, Unleased Mineral Owners and Landowners acreage**  
 (Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

SEE ATTACHED

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

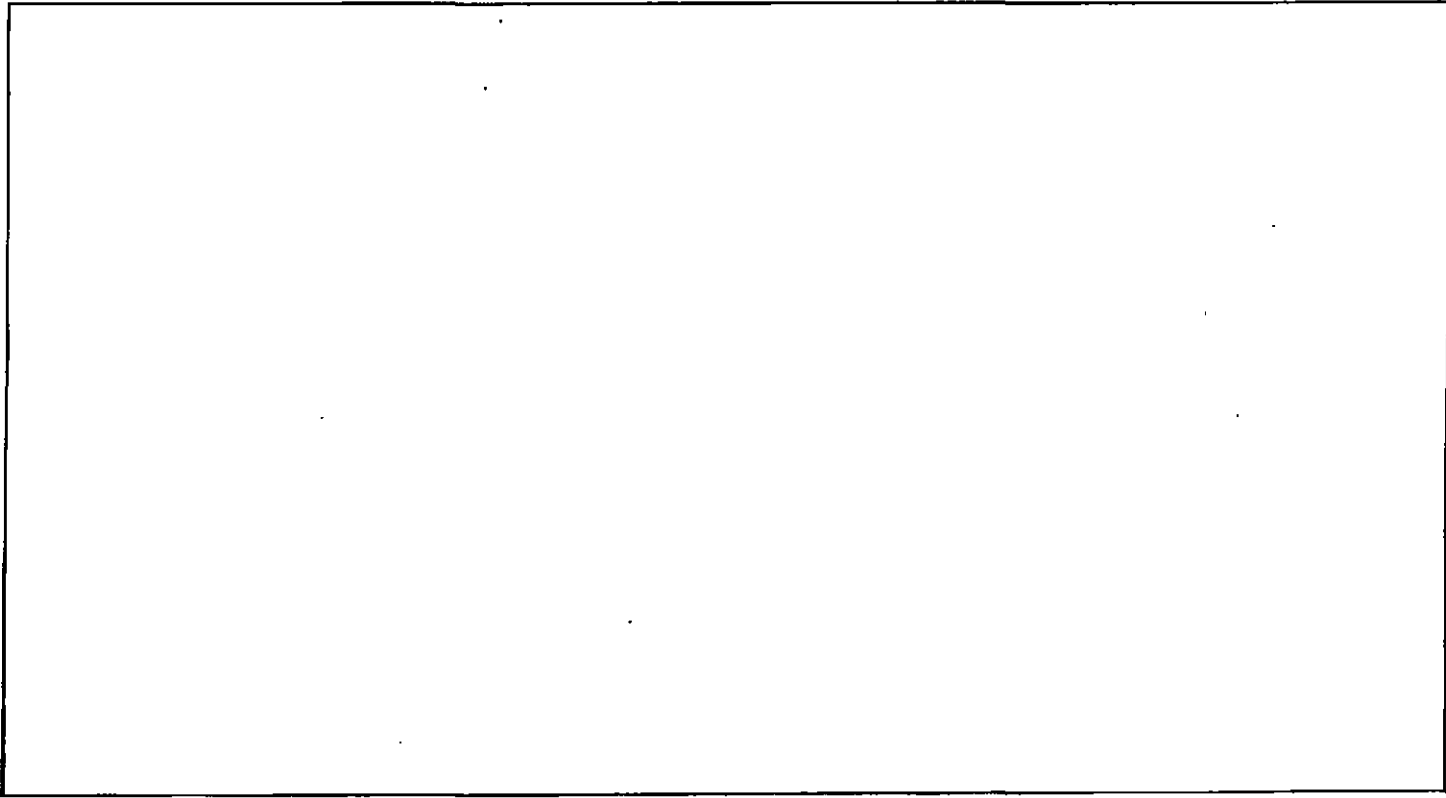
Jess Morris  
 Applicant or duly Authorized Agent

Subscribed and sworn before me this 1<sup>st</sup> day of October, 2012



Jennifer R. Beal  
 Notary Public

My Commission Expires: July 20, 2011



**MAHAN FAMILY TRUST 24-1**

<b>LEGAL LOCATION</b>	<b>SPOT</b>	<b>CURR_OPERA</b>
S13-T33S-R18E	NE SE SE	Exodus Gas & Oil LLC
S13-T33S-R18E	SE SE SW	Exodus Gas & Oil LLC
S19-T33S-R19E	NW NW SW	Wax, William T.

**MAHAN FAMILY TRUST 24-1**

**18-33S-19E**

*per Cursory OR dtd 6.2.04*

**SW4**

Brian Tucker, Keith Tucker, and Gail Tucker as JT  
13002 Irving Road  
Mound Valley, KS 67354

**13-33S-18E**

*per OR dtd 11.11.01*

**E2SE4 & E 60 acres of W2SE4  
(140 net acres)**

Barry D. Bradford  
1205 Pratt Road  
Altamont, KS 67330

**Rest of the SE4 & E2 SW4**

Lloyd M. Schlatter  
1311 Chisholm Ln  
Oswego, KS 67356

**24-33S-18E**

**NW4  
(portion)**

Duane L. & Nancy F. Johnson  
606 Park St  
Cherryvale, KS 67335

**SE4  
(portion)**

1/2) William L. Beneke and Shirley A.  
Beneke, Trustees under Trust  
1855 24000 Rd  
Parsons, KS 67357

1/2) Rodney J. Beneke Revocable Living  
1855 24000 Rd  
Parsons, KS 67357

**19-33S-19E**

**NW4**

Larry D. Goldsmith  
929 12000 Rd  
Altamont, KS 67330

**SW4  
(portion)**

Fred & Treva Vanbecelaere  
2513 E 4th  
Pittsburg, KS 66762

# Affidavit of Publication

STATE OF KANSAS, LABETTE COUNTY, ss:  
*Kim Root*, being first duly sworn,  
 deposes and says: That *she* is *Classified Manager*  
 of *PARSONS SUN*, a daily newspaper printed in the State  
 of Kansas, and published in and of general circulation in  
 Labette County, Kansas, with a general paid circulation  
 on a daily basis in Labette County, Kansas, and that said  
 newspaper is not a trade, religious or fraternal publication.

Said newspaper is a daily published at least weekly 50  
 times a year: has been so published continuously and unin-  
 interruptedly 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 Parsons, 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 newspa-  
 per for 1 consecutive day, the first publication  
 thereof being made as aforesaid on the 17 day of  
July 2012, with subsequent publications being made  
 on the following dates:

\_\_\_\_\_, 2012 \_\_\_\_\_, 2012

\_\_\_\_\_, 2012 \_\_\_\_\_, 2012

*Kim Root*  
 \_\_\_\_\_

Subscribed and sworn to and before me this 23  
 day of July 2012

*[Signature]*  
 \_\_\_\_\_  
 Notary Public

My commission expires: January 9, 2015  
 Printer's Fee ..... \$ 70.55  
 Affidavit, Notary's Fee ..... \$ 3.00  
 Additional Copies ..... \$ \_\_\_\_\_  
 Total Publication Fees ..... \$ 73.55

**LEGAL**

(Published in the Parsons Sun  
 July 17, 2012)  
 BEFORE THE STATE  
 CORPORATION COMMISSION  
 OF THE STATE OF KANSAS  
 NOTICE OF FILING APPLICATION  
 RE: In the Matter of Postrock Mid-  
 continent Production, LLC Applica-  
 tion for Commingling of Production  
 in the Mahan Family Trust 24-1 lo-  
 cated in Labette County, Kansas.  
 TO: All Oil & Gas Producers, Un-  
 leased Mineral Interest Owners,  
 Landowners, and all persons  
 whomsoever concerned.  
 You, and each of you, are hereby  
 notified that Postrock Midcontinent  
 Production, LLC has filed an appli-  
 cation to commingle the Riverton  
 and Bartlesville producing forma-

ions at the Mahan Family Trust  
 24-1, located in the W2 E2 NE NE  
 S24-T39S-R18E, Approximately  
 660 FNL & 510 FEL, Labette  
 County, Kansas.  
 Any persons who object to or pro-  
 test this application shall be re-  
 quired to file their objections or pro-  
 test with the Conservation Division  
 of the State Corporation Commis-  
 sion of the State of Kansas within  
 fifteen (15) days from the date of  
 this publication. These protests  
 shall be filed pursuant to Commis-  
 sion regulations and must state  
 specific reasons why granting the  
 application may cause waste, vio-  
 late correlative rights or pollute the  
 natural resources of the State of  
 Kansas.  
 All persons interested or con-  
 cerned shall take notice of the fore-  
 going and shall govern themselves  
 accordingly. All person and/or  
 companies wishing to protest this  
 application are required to file a  
 written protest with the Conserva-  
 tion Division of the Kansas Oil and  
 Gas Commission.  
 Upon the receipt of any protest,  
 the Commission will convene a  
 hearing and protestants will be ex-  
 pected to enter an appearance ei-  
 ther through proper legal counsel or  
 as individuals, appearing on their  
 own behalf.

Postrock Midcontinent Production,  
 LLC  
 210 Park Avenue, Suite 2750  
 Oklahoma City, Oklahoma 73102  
 (405) 660-7704

July 17

**SHANNA L. GUIOT**  
 Notary Public - State of Kansas  
 My Appt. Expires 1-9-15

**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 19th of

July 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

19th day of July, 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 : \$132.40

**LEGAL PUBLICATION**  
PUBLISHED IN THE WICHITA EAGLE  
JULY 19, 2012 (3196742)  
BEFORE THE STATE CORPORATION  
COMMISSION OF THE STATE OF KANSAS  
NOTICE OF FILING APPLICATION  
RE: In the Matter of Pastrack Midcontinent  
Production, LLC Application for  
Commencing of Production in the  
Mahan Family Trust (24) located in  
Labette County, Kansas.  
TO: All Oil & Gas Producers, Unleased Mineral  
Interest Owners, Landowners, and all  
persons whomsoever concerned.  
You, and each of you, are hereby notified  
that Pastrack Midcontinent Production  
LLC has filed an application to commence  
the Riverton and Bartlesville producing  
formations at the Mahan Family Trust (24)  
located in the W2 E2 NE NE, S24 T33S R18E,  
Approximately 660 FNL & 510 FEL, Labette  
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 from the date of this publication. 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. All persons and/or  
companies wishing to protest this application  
are required to file a written protest with the  
Conservation Division of the Kansas Oil and  
Gas Commission.  
Upon the receipt of any protest, the  
Commission will convene a hearing and  
protestants will be expected to enter an  
appearance either through proper legal  
counsel or as individuals appearing on their  
own behalf.  
Pastrack Midcontinent Production, LLC  
210 Park Avenue, Suite 2750  
Oklahoma City, Oklahoma 73102  
(405) 640-7204  
A COPY OF THE AFFIDAVIT OF PUBLICATION  
MUST ACCOMPANY ALL APPLICATIONS.

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

Sam Brownback, Governor

October 16, 2012

Clark Edwards  
PostRock Midcontinent Production LLC  
Oklahoma Tower  
210 Park Ave, Ste 2750  
Oklahoma City, OK 73102

RE: Approved Commingling CO101202  
Mahan Family Trust 24-1, Sec. 24-T33S-R18E, Labette County  
API No. 15-099-23509-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on October 11, 2012, 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.

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

**File form ACO-1 upon re-completion of the well to commingle.**

Commingling ID number CO101202 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