



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:

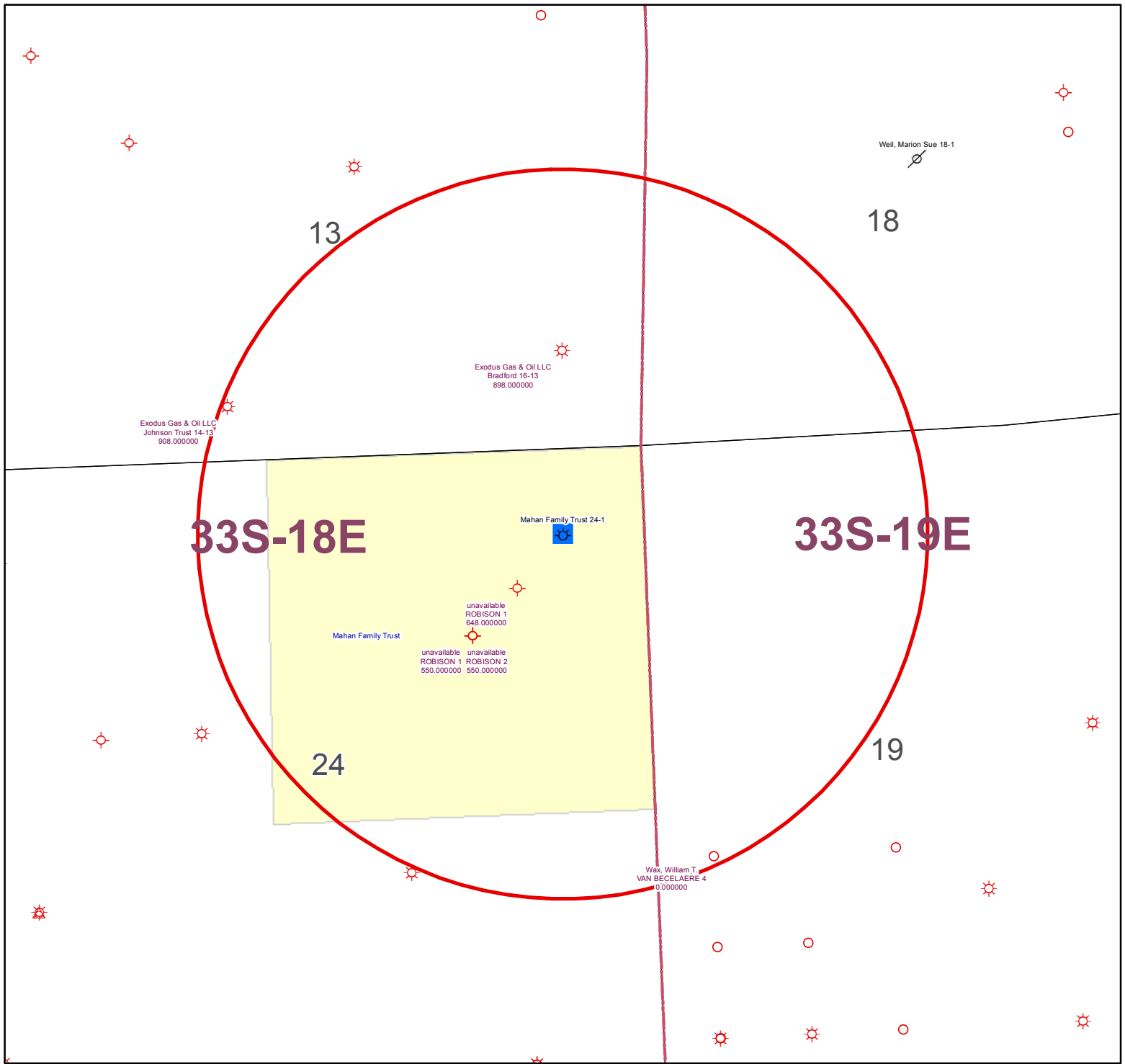
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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.



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 Marlin
 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 cnt.

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 Marlin
 Title: Chief Operating Officer Date: 4/7/05
 Subscribed and sworn to before me this 7th 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: Lafayette

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	RECEIVED KANSAS CORPORATION COMMISSION APR 11 2005 CONSERVATION DIVISION WICHITA, KS	

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			
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 Click		
2	Parameters	Units	Input	Input	Input	Input	Input				
3	Select the brines	Select fluid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mixed brine:			
4	Sample ID	by checking						Cell H28 is			
5	Date	the box(es),	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	STP calc. pH.			
6	Operator	Row 3	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38			
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in			
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines			
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.			
10	Na ⁺	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654.20	Initial(BH)	Final(WH)	SI/SR (Final-Initial)
11	K ⁺ (if not known =0)	(mg/l)						0.00	Saturation Index values		
12	Mg ²⁺	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite		
13	Ca ²⁺	(mg/l)	1,836.00	2,452.00	2,044.00	1920.00	1948.00	2040.23	-0.73	-0.60	0.13
14	Sr ²⁺	(mg/l)						0.00	Barite		
15	Ba ²⁺	(mg/l)						0.00			
16	Fe ²⁺	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite		
17	Zn ²⁺	(mg/l)						0.00	-1.77	-1.80	-0.03
18	Pb ²⁺	(mg/l)						0.00	Gypsum		
19	Cl ⁻	(mg/l)	36,299.00	48,965.00	47,874.00	45632.00	43147.00	44388.44	-3.19	-3.18	0.00
20	SO ₄ ²⁻	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate		
21	F ⁻	(mg/l)						0.00	-3.96	-3.90	0.06
22	Br ⁻	(mg/l)						0.00	Anhydrite		
23	SiO ₂	(mg/l) SiO ₂						0.00	-3.47	-3.36	0.12
24	HCO ₃ Alkalinity**	(mg/l as HCO ₃)	190.00	234.00	259.00	268.00	254.00	241.03	Celestite		
25	CO ₃ Alkalinity	(mg/l as CO ₃)									
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide		
27	Ammonia	(mg/L) NH ₃						0.00	-0.16	-0.22	-0.06
28	Borate	(mg/L) H ₃ BO ₃						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 ₂ Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16			
32	H ₂ S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate		
33	Total H ₂ Saq	(mgH ₂ S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23
34	pH _i 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 ₂ %+Alk, 1-pH+Alk, 2-CO ₂ %+pH	0	0	0	0	0	0	Calcite	NTMP	
36	Gas/day(thousand cf/day)	(Mc/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/°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 ⁺ (Strong acid) †	(N)									
51	OH ⁻ (Strong base) †	(N)									
52	Quality Control Checks at STP:										
53	H ₂ S Gas	(%)									
54	Total H ₂ Saq (STP)	(mgH ₂ S/l)									
55	pH Calculated	(pH)									
56	PCO ₂ Calculated	(%)									
57	Alkalinity Cacluated	(mg/l) as HCO ₃									
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)					
62	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value		
63	Have ScaleSoftPitzer			2	BHPMP	°C	80	°F	176		
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m ³	100	ft ³	3,531		
65	If No, inhibitor # is:	4	#	4	DTPMP	m ³	100	bb(42 US gal)	629		
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074		
67	1 st inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194		
68	% of 1 st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193		
69	2 nd 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					Mixed Brine
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	
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 ₂ 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

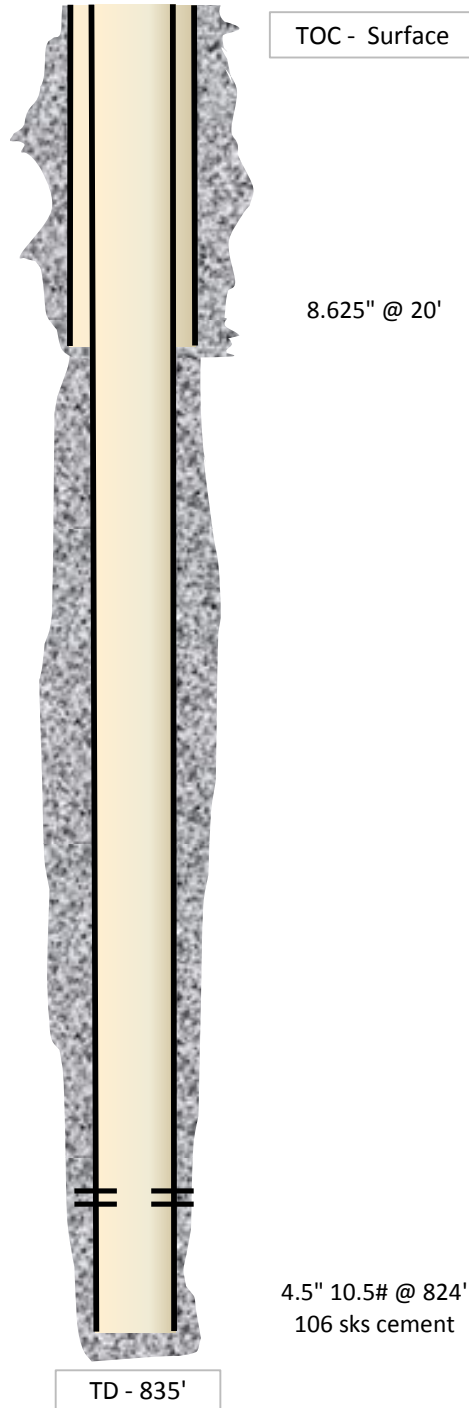
Calcite	N/A	N/A	N/A	N/A	N/A	N/A
Gypsum	N/A	N/A	N/A	N/A	N/A	N/A
Hemihydrate	N/A	N/A	N/A	N/A	N/A	N/A
Anhydrite	N/A	N/A	N/A	N/A	N/A	N/A
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A



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 1st 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 1st day of October, 2012

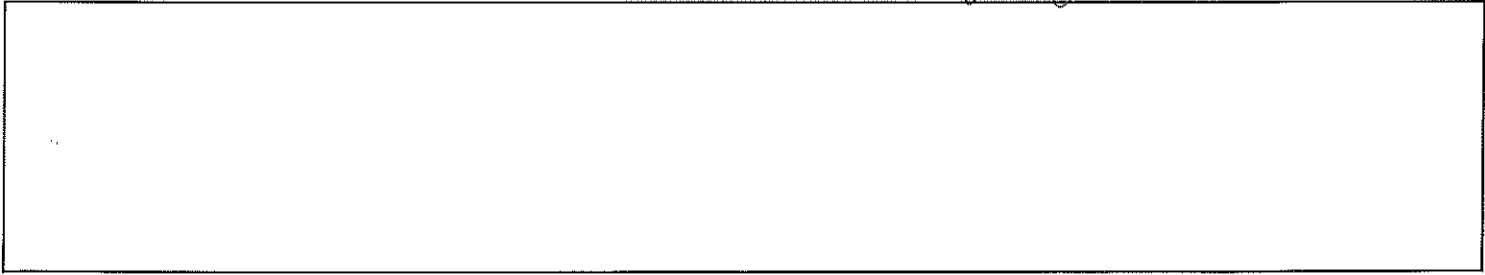
Jess Morris
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 1st 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)

[Redacted]

[Redacted]

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.

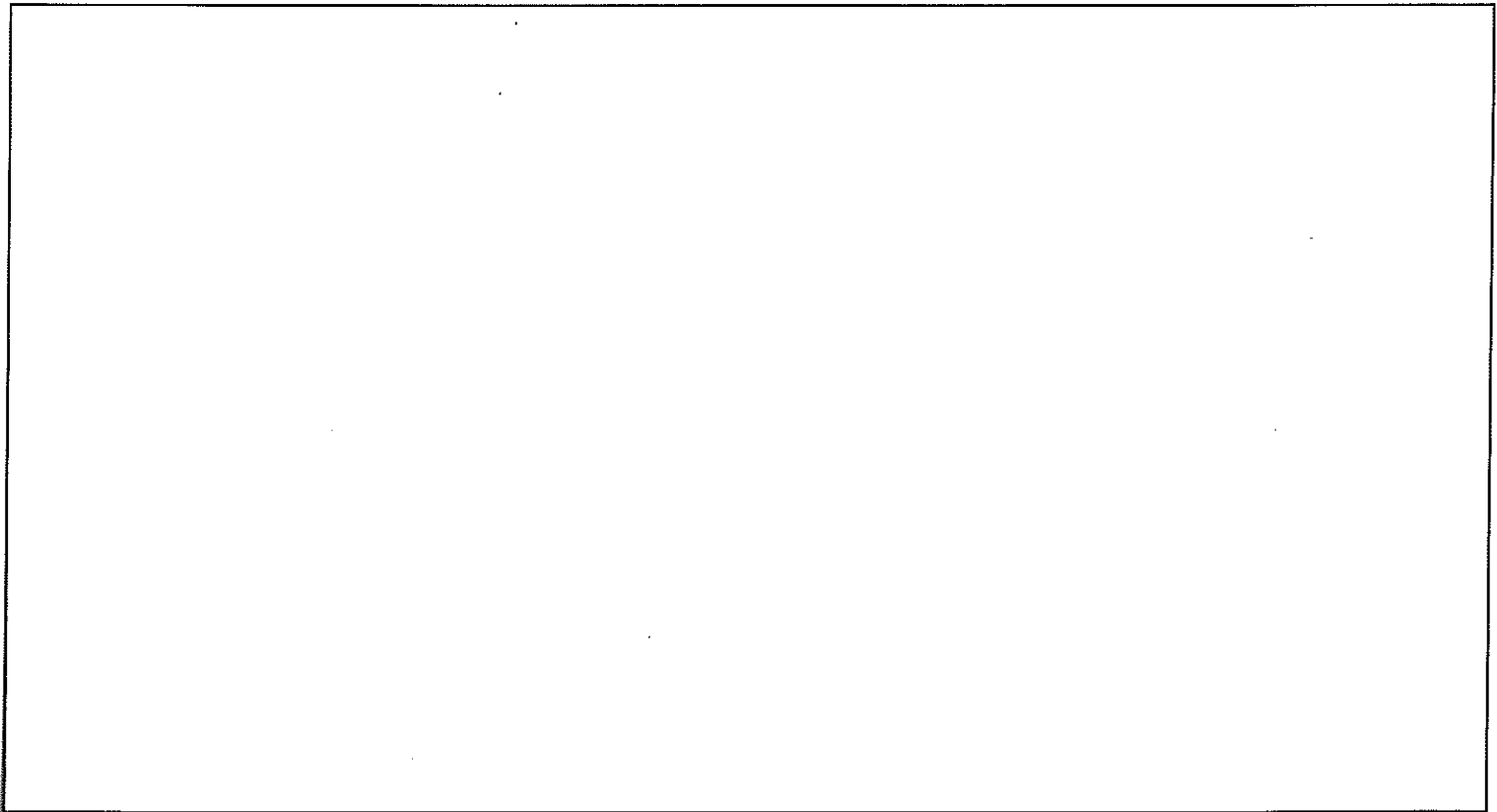
[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 1st day of October, 2012



[Signature]
Notary Public

My Commission Expires: July 20, 2016



MAHAN FAMILY TRUST 24-1

LEGAL LOCATION	SPOT	CURR_OPERA
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

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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

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-
 terruptedly 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

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

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
 whomever 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-

tions at the Mahan Family Trust
 24-1, located in the W2 E2 NE NE,
 S24-T33S-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

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 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 Postrock Midcontinent
Production, LLC Application for
Commingle of Production in the
Mahan Family Trust 24-1 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 Postrock Midcontinent Production,
LLC has filed an application to commingle
the Riverton and Bartlesville producing
formations at the Mahan Family Trust 24-1,
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 person 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.

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

**A COPY OF THE AFFIDAVIT OF PUBLICATION
MUST ACCOMPANY ALL APPLICATIONS**

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