



KANSAS CORPORATION COMMISSION 1093845
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF **Commingling ID # CO101219**
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR: License # 33343 API No. 15 - 15-133-27065-00-00
Name: PostRock Midcontinent Production LLC Spot Description: _____
Address 1: Oklahoma Tower _____
Address 2: 210 Park Ave, Ste 2750 _____
City: OKLAHOMA CITY State: OK Zip: 73102 + _____
Contact Person: CLARK EDWARDS County: Neosho
Phone: (620) 432-4200 Lease Name: PETERS, GARY R. Well #: 15-1

1. Name and upper and lower limit of each production interval to be commingled:
Formation: SUMMIT (Perfs): 427-431
Formation: MULKY (Perfs): 438-442
Formation: BEVIER (Perfs): 523-525
Formation: CROWEBURG (Perfs): 549-552
Formation: FLEMING (Perfs): 583-585

2. Estimated amount of fluid production to be commingled from each interval:
Formation: SUMMIT BOPD: 0 MCFPD: 4.25 BWPD: 8.88
Formation: MULKY BOPD: 0 MCFPD: 4.25 BWPD: 8.88
Formation: BEVIER BOPD: 0 MCFPD: 4.25 BWPD: 8.88
Formation: CROWEBURG BOPD: 0 MCFPD: 4.25 BWPD: 8.88
Formation: FLEMING BOPD: 0 MCFPD: 4.25 BWPD: 8.88

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	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>11/8/2012</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>11/08/2012</u>

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.

	A	B	C	D	E	F	G	H	I	J	K
1	Produced Fluids #		1	2	3	4	5		Click here to run SSP Goal Seek SSP		Click
2	Parameters	Units	Input	Input	Input	Input	Input				Click
3	Select the brines	Select fluid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mixed brine:			Click
4	Sample ID	by checking						Cell H28 is			Click
5	Date	the box(es),	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	STP calc. pH.			Click
6	Operator	Row 3	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38	Click		
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in	Click		
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines	Click		
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.			
10	Na ⁺	(mg/l)*	19,433.00	27,381.00	26,534.00	25,689.00	24,220.00	24,654.20	Initial(BH)	Final(WH)	SI/SR
11	K ⁺ (if not known =0)	(mg/l)						0.00	Saturation Index values		(Final-Initial)
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	1,920.00	1,948.00	2,040.23	-0.73	-0.60	0.13
14	Str 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	45,632.00	43,147.00	44,388.44	-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, measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)		
	Choose one option to calculate SI?	0-CO ₂ +Alk, 1-pH+Alk, 2-CO ₂ +pH	0	0	0	0	0		Calcite	NTMP	
35	Gas/day(thousand cf/day)	(Mcf/D)						0	0.00	0.00	
36	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP	
37	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00	
38	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)								(Enter H40-H43)		pH
39	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60	
40	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)		
41	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826	
42	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml/°C)		
43	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959	
44	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)		
45	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP	
46	MeOH/Day	(B/D)	0					0	0.00	0.00	
47	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP	
48	Conc. Multiplier								0.00	0.00	
49	H ⁺ (Strong acid) †	(N)									
50	OH ⁻ (Strong base) †	(N)									
51	Quality Control Checks at STP:										
52	H ₂ S Gas	(%)									
53	Total H ₂ Saq (STP)	(mgH ₂ S/l)									
54	pH Calculated	(pH)									
55	PCO ₂ Calculated	(%)									
56	Alkalinity Calculated	(mg/l) as HCO ₃									
57	ΣCations=	(equiv./l)									
58	ΣAnions=	(equiv./l)									
59	Calc TDS=	(mg/l)									
60	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)			Value		
61	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value		
62	Have ScaleSoftPitzer			2	BHPMP	°C	80	°F	176		
63	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m ³	100	ft ³	3,531		
64	If No, inhibitor # is:	4	#	4	DTPMP	m ³	100	bbl(42 US gal)	629		
65	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074		
66	1 st inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194		
67	% of 1 st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193		
68	2 nd inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bbl(42 US gal)	238		
69	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bbl(42 US gal)	63		
70				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 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

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: 211 W. 14th Street
City/State/Zip: Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Jennifer R. Ammann
Phone: (620) 431-9500
Contractor: Name: TXD
License: 33837

Wellsite Geologist: Ken Recoy
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

9/7/07	9/10/07	9/11/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27065-0000
County: Neosho
_____ SW _____ SE Sec. 15 Twp 28 S. R. 19 East West
660 feet from S N (circle one) Line of Section
1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Peters, Gary R. Well #: 15-1

Field Name: Cherokee Basin CBM
Producing Formation: multiple
Elevation: Ground: 925 Kelly Bushing: n/a
Total Depth: 981 Plug Back Total Depth: 968
Amount of Surface Pipe Set and Cemented at 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 968
feet depth to surface w/ 135 sx cmt.

Drilling Fluid Management Plan *ALTD with 1-25-08*
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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: Jennifer R. Ammann
Title: New Well Development Coordinator Date: 1/4/08
Subscribed and sworn to before me this 4th day of January,
2007.
Notary Public: Derra Klauman
Date Commission Expires: 8-4-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
 UIC Distribution **JAN 08 2008**

TERRA KLAUMAN
Notary Public - State of Kansas
My Appt. Expires 8-4-2010

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Peters, Gary R. Well #: 15-1
 Sec. 15 Twp. 28 S. R. 19 East West County: Neosho

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 <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Compensated Density Neutron Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	22	22	"A"	5	
Production	6-3/4	4-1/2	10.5	968	"A"	135	

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
4	851-854/799-801/793-795	500gal 15% HCL w/ 63 lbs 2% KCl water, 676lbs water w/ 2% KCL, Blockde, 6400# 20#40 sand		851-854/799-801 793-795
4	583-585/549-552/523-525	300gal 15% HCL w/ 49 lbs 2% KCl water, 481lbs water w/ 2% KCL, Blockde, 2200# 20#40 sand		583-585/549-552 523-525
4	438-442/427-431	300gal 15% HCL w/ 49 lbs 2% KCl water, 596lbs water w/ 2% KCL, Blockde, 3700# 20#40 sand		438-442/427-431

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8"	877.1	n/a			
Date of First, Resumerd Production, SWD or Enthr. 11/29/07			Producing Method				
			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity
	n/a		0mcf		0bbls		

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease
 Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18.) Other (Specify) _____

TXD SERVICES

DRILLERS LOG

TXD SERVICES LP

RIG #101	S. 15 T. 26 R. 19	GAS TESTS:
API# 133-27056	County: Neosho	168' 0 no blow
Elev: 825'	Location: Kansas	343' 0 no blow
		374' 0 no blow
Operator: Quest Cherokee, LLC		405' 0 no blow
Address: 9520 N. May Ave, Suite 300		529' 0 no blow
Oklahoma City, OK 73120		591' slight blow
Well # 15-1	Lease Name Peters, Gary	622' slight blow
Footage Location	650 ft. from the S line	653' slight blow
	1980 ft. from the E line	684' slight blow
Drilling Contractor	TXD SERVICES LP	715' slight blow
Spud Date: NA	Geologist:	777' slight blow
Date Comp: 9/10/2007	Total Depth: 980'	808' slight blow
Exact spot location: SW SE		980' 1 - 1/2" 6.27"
Casing Record		
	Rig Time	
	Surface Production	
Size Hole	12-1/4"	6-3/4"
Size Casing	8-5/8"	4-1/2"
Weight	24#	
Setting Depth	22'	
Type Cement	portland	
Sacks		

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil		0	3 coal		364	366 shale		645 664
lime		3	39 shale		366	370 coal		664 685
shale		39	41 lime		370	371 sand/shale		665 694
lime		41	46 shale		371	404 coal		694 698
shale		46	48 coal		404	406 shale		698 704
lime		48	49 shale		406	436 coal		704 706
shale		49	68 lime		438	444 sand/shale		706 729
lime		68	83 b.shale		444	447 shale		729 752
shale		83	114 sand		447	465 coal/b.shale		752 756
lime		114	123 shale		465	528 shale		756 791
shale		123	148 coal		528	529 sand/shale		791 796
lime		148	158 shale		528	551 coal		796 800
coal		158	160 b.shale		551	553 shale		800 802
shale		160	198 shale		553	573 coal		802 804
coal		198	19 sand		573	586 shale		804 850
lime		19	244 coal		586	589 coal		850 852
shale		244	283 sand/shale		589	602 shale		852 856
sand		283	298 coal		602	603 mississippi		856 980
shale		298	314 sand		603	614		
lime		314	316 coal		614	616		
coal		316	318 sand		616	643		
lime		318	364 coal		643	645		

Comments: 635-645' odor, 870' injected water

RECEIVED TIME SEP. 13. 2:36PM

DESCRIPTION OF WORK PERFORMED

LOGGING
 RUN CASING
 CEMENTING
 ACIDIZING

X

PERFORATING
 FRACTURING
 EQUIPPING
 OTHER

9/11/2007

JOB SUMMARY

Run & Cement Longstring - Notified Becke @ KCC Office - 9/11/07 @ 4:00 pm

Time

4:15 QCOS - pump - circulate with fresh water, run 9 bbls dye cement until dye returns flush pump, pump plug with KCL water, set float shoe

4:50 QCOS rigged down and off location

CEMENT SUMMARY:

Total cement: 135

Cement blend: 5# gilsonite and 1/4# flo-seal, straight cement, 2% cal chloride

Cement slurry weigh 14.5

Average surface pressure:

Running cement circulation pressure: 300

Pumping plug circulation pressure: 650

Circulation during job: good

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole size & depth: 6-3/4" x 981

Casing size & depth: New 4-1/2" x 10.5# per/ft Rge3 - plus shoe 968

1 ea. 4-1/2" float shoe flapper type & 4-1/2" wiper plug

Baffle locations

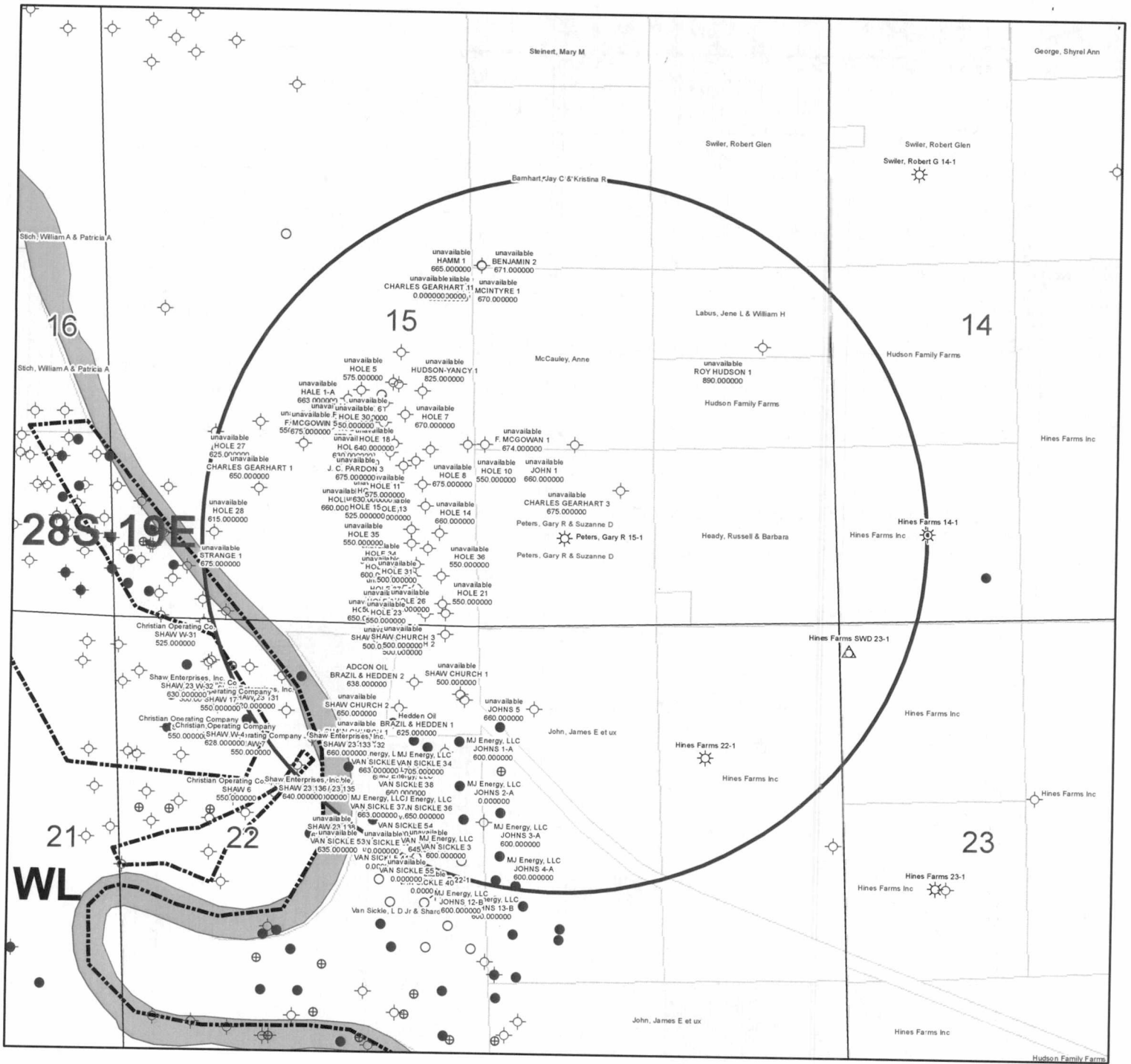
475.89

747.94

RECEIVED
 KANSAS CORPORATION COMMISSION

JAN 08 2008

CONSERVATION DIVISION
 WICHITA, KS



KGS STATUS

◇	DA/PA
⊕	EOR
☼	GAS
△	INJ/SWD
●	OIL
☼	OIL/GAS
○	OTHER

Peters, Gary R 15-1
 15-28S-19E
 1" = 1,000'

POSTROCK



Current Completion

WELL : Peters, Gary R 15-1
 FIELD : Cherokee Basin
 STATE : Kansas
 COUNTY : Neosho

SPUD DATE : 9/7/2007
 COMP. Date : 9/11/2007
 API: 15-133-27065-00-00

LOCATION: 15-28S-19E (SW,SE)
 ELEVATION: 925'

8 5/8" 22 lb @ 22' Cement w/5 sks

4.5" 10.5 lb @ 966' Cement w/135 sks

2 3/8" tubing @ 877'

PBTD @ 968'

Drilled Depth @ 981'

Wellhead/Surface Equipment

Tree Connection	
Tree	
Tubing Head	
Bradenhead	
Pumping Unit	
Compressor	

Tubular Detail

Size	Weight	Grade	Cap(bbl/ft)	Date	Depth
8 5/8"	22 lb			2007	22'
4 1/2"	10.5 lb		.0159	2007	968'
2 3/8"				2007	877'

Downhole Equipment Detail

Completion Data

Original as GAS Well per ACO-1
1,100 gals 15% HCL
1,753 bbls water
12,300 lbs 20/40 sand

Perforations

Original Completion: 4 spf
427-431 Summit (17)
438-442 Mulky (17)
523-525 Bevier (9)
549-552 Croweburg (13)
583-585 Fleming (9)
793-795 Rowe (9)
799-801 Neutral (9)
851-854 Riverton (13)

PREPARED BY: POSTROCK
 APPROVED BY: _____

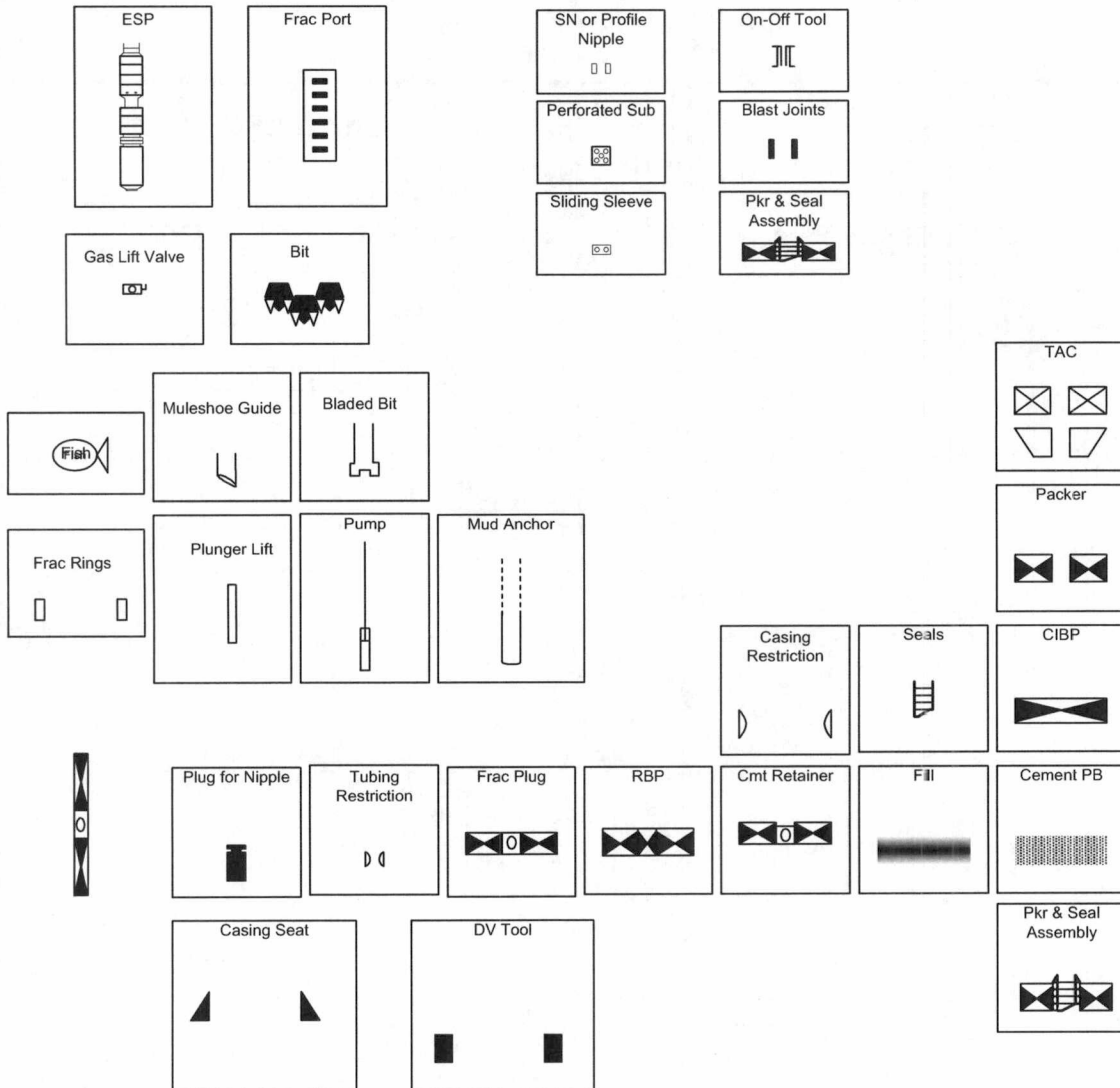
DATE: Sept, 2012
 DATE: _____

POSTROCK



PostRock

LEGEND



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 Commingling of Production in the **Peters, Gary R 15-1** located in **Neosho County, Kansas**.

TO: All Oil & Gas Producers, Unleased 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 application to commingle the **Summit, Mulky, Bevier, Croweburg, Fleming, Rowe, Neutral, Riverton and Cattleman** producing formations at the **Peters, Gary R 15-1**, located in the **SW SE, S15-T28S-R19E, Approximately 660 FSL & 1980 FEL, Neosho 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

Affidavit of Publication

STATE OF KANSAS, NEOSHO COUNTY, ss:

Rhonda Howerter, being first duly sworn, deposes and says: That *she* is *Classified Manager* of *THE CHANUTE TRIBUNE*, a daily newspaper printed in the State of Kansas, and published in and of general circulation in Neosho County, Kansas, with a general paid circulation on a daily basis in Neosho 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 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 of Chanute, 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 newspaper for 1 consecutive time, the first publication thereof being made as aforesaid on the 10 day of October 2012, with subsequent publications being made on the following dates:

_____, 2012 _____, 2012

_____, 2012 _____, 2012

Rhonda Howerter

Subscribed and sworn to and before me this 10 day of October, 2012

[Signature]
Notary Public

My commission expires: January 9, 2015
Printer's Fee \$ 70.14
Affidavit, Notary's Fee \$ 3.00
Additional Copies \$ _____
Total Publication Fees \$ 73.14

SHANNA L. GUIOT
Notary Public - State of Kansas
My Appl. 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 11th of

October A.D. 2012, with

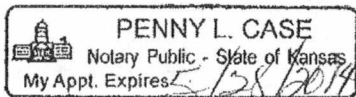
subsequent publications being made on the following dates:

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

11th day of October, 2012



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$132.40

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
OCTOBER 11, 2012 (3211693)
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
Commencing of Production in the Peters,
Gary R 15-1 located in Neosho 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
Summit, Mulky, Bevier, Croweburg, Fleming,
Rowe, Neutral, Riverton and Cattleman
producing formations of the Peters, Gary R
15-1, located in the SW SE, S15-T285-R19E,
Approximately 660 FSL & 1980 FEL, Neosho
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

Affidavit of Notice Served

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

Well Name: PETERS, GARY R 15-1 Legal Location: SWSE S15-T28S-R19E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 24th 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.

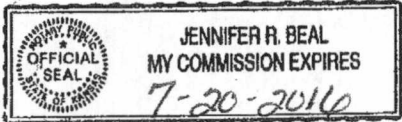
Name	Address (Attach additional sheets if necessary)
ADCON OIL	906 WEST MAIN, CHANUTE, KS 66720
CHRISTIAN OPERATING CO	15326 HILLTOP VIEW DR, CYPRESS, TX 77429
CHRISTIAN OPERATING COMPANY	11250 WEST ROAD - BUILDING H, HOUSTON, TX 77065
HEDDEN OIL	205 OSAGE, PO BOX 82, THAYER, KS 66776
MJ ENERGY, LLC	3570 E 12TH AVE, STE 205, DENVER, CO 80206
SAHW ENTERPRISES, INC	RR 4, CHANUTE, KS 66720
SEE ATTACHED	

I further attest that notice of the filing of this application was published in the THE CHANUTE TRIBUNE, the official county publication of NEOSHO county. A copy of the affidavit of this publication is attached.

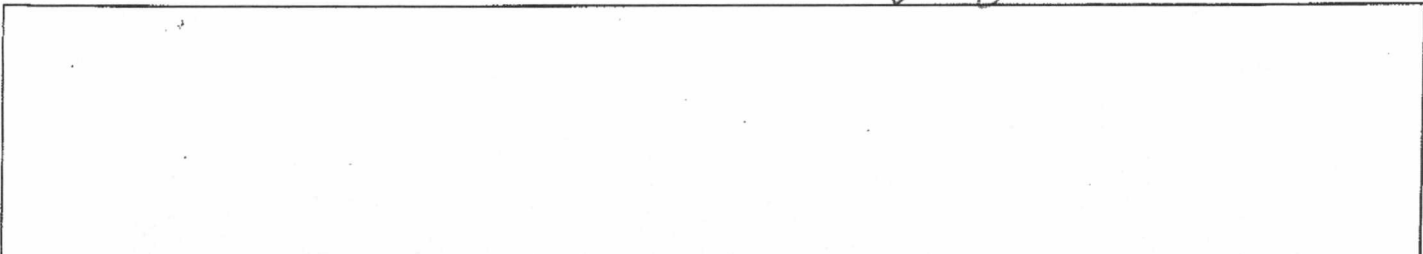
Signed this 24th day of OCTOBER, 2012

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 24th day of OCTOBER, 2012



Jennifer R Beal
Notary Public
My Commission Expires: July 20, 2016



PETERS, GARY R 15-1

22-28S-19E

NW4 E of River Oscar H Cunningham Family Trust
Cunningham Pearl B Trustee
330 S Nineiron Ct
Wichita, KS 67235

Tracts in NE NW Church Disciples of Christ Trust
Lavon Strange
15250 K-47 Hwy
Erie, KS 66733

AT&SF & BN&SF Railway Co.s
Property Tax Dept
PO Box 961089
Fort Worth, TX 76161

Catherine E Thomas
12335 160th Rd
Erie, KS 66733

David Robert Gromer
C/O June A Short Jr.
636 S Fuller
Independence, MO 64052

Guy W Gromer
C/O June A Short Jr.
636 S Fuller
Independence, MO 64052

Tracts in SW4
15-28S-19E

Shane M Barnhart
16435 Marshall Rd
Erie, KS 66733

Rickey L Hole
16100 Main
Erie, KS 66733

Dennis Shultz Jr.
16325 Marshall Rd
Erie, KS 66733

Tracts in SW4
15-28S-19E

Donna L Florence
139 NE Avondale
Bartlesville, OK 74006

Charles W Morse
12485 Robinson
Erie, KS 66733

Frank O & Nadine McDonald
12470 Davison
Erie, KS 66733

Carl L Shultz
12330 160th Rd
Erie, KS 66733

AT&SF & BN&SF Railway Co.s
Property Tax Dept
PO Box 961089
Fort Worth, TX 76161

William A & Patricia Stich
15305 Jackson Rd
Chanute, KS 66720

Elk Creek Agricultural L.P.
14 Woodsborough
Houston, TX 77055

Shaw Enterprises Inc
11600 160th Rd
Chanute, KS 66720

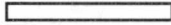
Pete's Corporation
PO Box 794
Parsons, KS 67357

Catherine E Thomas
12335 160th Rd
Erie, KS 66733

Disciples Of Christ
Dorothy Larue
11400 190th Rd
Chanute, KS 66720

Byron Shultz
16015 Marshall Rd
Erie, KS 66733

PETERS, GARY R 15-1-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

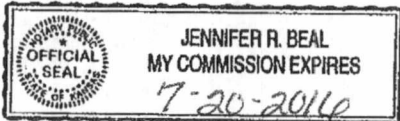
Multiple horizontal lines for text entry under Name and Legal Description of Leasehold.

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

[Handwritten Signature]

Applicant or Duly Authorized Agent

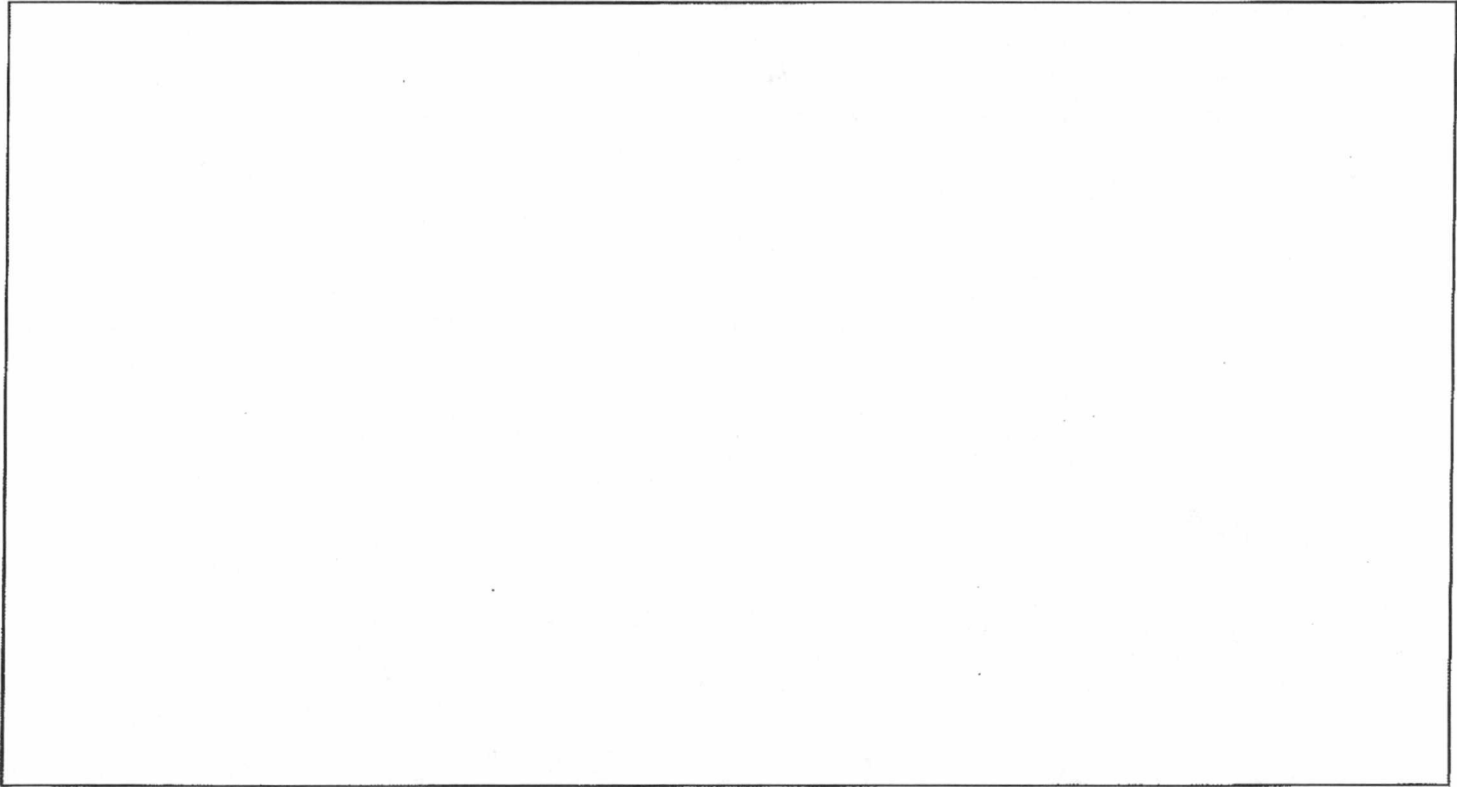
Subscribed and sworn before me this 24th day of OCTOBER, 2012



Jennifer R. Beal

Notary Public

My Commission Expires: July 20, 2016



PETERS, GARY R 15-1

LEGAL LOCATION	SPOT	CURR_OPERA
S22-T28S-R19E	SW NE NE NW	ADCON OIL
S22-T28S-R19E	NE NW NW	Christian Operating Co.
S22-T28S-R19E	SW NE NW	Christian Operating Co.
S22-T28S-R19E	SW NE NW	Christian Operating Co.
S22-T28S-R19E	NE NW NW	Christian Operating Co.
S22-T28S-R19E	NE NW NW	Christian Operating Company
S22-T28S-R19E	SE NW NW	Christian Operating Company
S22-T28S-R19E	SE NW NW	Christian Operating Company
S22-T28S-R19E	SW NE NW	Christian Operating Company
S22-T28S-R19E	SE NW NW	Christian Operating Company
S22-T28S-R19E		Hedden Oil
S22-T28S-R19E	SW NW SW NE	MJ Energy, LLC
S22-T28S-R19E	SW NW SW NE	MJ Energy, LLC
S22-T28S-R19E	NW SW NW NE	MJ Energy, LLC
S22-T28S-R19E	SW SW NW NE	MJ Energy, LLC
S22-T28S-R19E	NW NW SW NE	MJ Energy, LLC
S22-T28S-R19E	SW NW SW NE	MJ Energy, LLC
S22-T28S-R19E	NE NE SE NW	MJ Energy, LLC
S22-T28S-R19E	SW SE NE NW	MJ Energy, LLC
S22-T28S-R19E	SE NE NW	MJ Energy, LLC
S22-T28S-R19E	SE NE NW	MJ Energy, LLC
S22-T28S-R19E	SE NE NW	MJ Energy, LLC
S22-T28S-R19E	SE NE NW	MJ Energy, LLC
S22-T28S-R19E	SW SE NE NW	MJ Energy, LLC
S22-T28S-R19E	NE NW NW	Shaw Enterprises, Inc.
S22-T28S-R19E	SW NE NW	Shaw Enterprises, Inc.
S22-T28S-R19E	SW NE NW	Shaw Enterprises, Inc.
S22-T28S-R19E	NE NW NW	Shaw Enterprises, Inc.

PETERS, GARY R 15-1

22-28S-19E

NW4 E of River Oscar H Cunningham Family Trust
Cunningham Pearl B Trustee
330 S Nineiron Ct
Wichita, KS 67235

Tracts in NE NW Church Disciples of Christ Trust
Lavon Strange
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16015 Marshall Rd
Erie, KS 66733

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

November 8, 2012

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

RE: Approved Commingling CO101219
Peters, Gary R. 15-1, Sec. 15-T28S-R19E, Neosho County
API No. 15-133-27065-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on October 26, 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 CO101219 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