



KANSAS CORPORATION COMMISSION 1086621
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF **Commingling ID # CO091210**
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR License # 33343 API No 15 - 15-133-26489-00-00
Name PostRock Midcontinent Production LLC Spot Description _____
Address 1 Oklahoma Tower NW SE NE NW Sec 28 Twp 28 S. R 19 East West
Address 2 210 Park Ave, Ste 2750 691 Feet from North / South Line of Section
City OKLAHOMA CITY State OK Zip 73102 + _____ 1981 Feet from East / West Line of Section
Contact Person CLARK EDWARDS County Neosho
Phone (620) 432-4200 Lease Name SHAW ENTERPRISES Well # 28-1

1 Name and upper and lower limit of each production interval to be commingled

Formation	<u>RIVERTON</u>	(Perfs)	<u>881-884</u>
Formation	<u>NEUTRAL</u>	(Perfs)	<u>829-830</u>
Formation	<u>ROWE</u>	(Perfs)	<u>822-824</u>
Formation	<u>FLEMING</u>	(Perfs)	<u>623-625</u>
Formation	<u>FLEMING</u>	(Perfs)	<u>608-610</u>

2 Estimated amount of fluid production to be commingled from each interval

Formation	<u>RIVERTON</u>	BOPD	<u>0</u>	MCFPD	<u>1.89</u>	BWPD	<u>4.44</u>
Formation	<u>NEUTRAL</u>	BOPD	<u>0</u>	MCFPD	<u>1.89</u>	BWPD	<u>4.44</u>
Formation	<u>ROWE</u>	BOPD	<u>0</u>	MCFPD	<u>1.89</u>	BWPD	<u>4.44</u>
Formation	<u>FLEMING</u>	BOPD	<u>0</u>	MCFPD	<u>1.89</u>	BWPD	<u>4.44</u>
Formation	<u>FLEMING</u>	BOPD	<u>0</u>	MCFPD	<u>1.89</u>	BWPD	<u>4.44</u>

- 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>10/3/2012</u>	
Approved By <u>Rick Hestermann</u>	Date <u>10/03/2012</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

ORIGINAL

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

RECEIVED
KANSAS CORPORATION COMMISSION
Form ACO-1
September 1999
Must Be Typed

JUN 27 2006

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: Gary Laswell
Phone: (620) 431-9500
Contractor: Name: Well Refined Drilling Company
License: 33072
Wellsite Geologist: Ken Recco
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. _____

<u>2/23/06</u>	<u>3/1/06</u>	<u>3/6/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

APL No. 15 - 133-26489-00-007 CONSERVATION DIVISION
WICHITA, KS
County: Neosho
_____ ne nw Sec. 28 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: Shaw Enterprises Well #: 28-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 936 Kelly Bushing: n/a
Total Depth: 1003 Plug Back Total Depth: 997.73
Amount of Surface Pipe Set and Cemented at 21' 7" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 997.73
feet depth to surface w/ 132 sx cmt.

Drilling Fluid Management Plan DB 11-10-08
(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: [Signature]
Title: Head of Operations Date: 6/26/06
Subscribed and sworn to before me this 26th day of June,
2006.
Notary Public: Jennifer R. Ammann
Date Commission Expires: July 30, 2009

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

JENNIFER AMMANN
Notary Public - State of Kansas
My Appt. Expires 7-30-09

✓

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Shaw Enterprises Well # 28-1
 Sec. 28 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Comp. Density/Neutron Log			
Dual Induction Log			
Gamma Ray Neutron Log			

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"	20#	21' 7"	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	997.73	"A"	1.32	

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	822-824/881-884/829-830	400gal 15% HCL w/ 27 bbls 2% iod water, 381bbls water w/ 2% ICL, Blockite 81008 2040 sand	822-824/881-884 829-830
4	546-548/572-575/608-610/623-625	400gal 15% HCL w/ 36 bbls 2% iod water, 814bbls water w/ 2% ICL, Blockite 10008 2040 sand	546-548/572-575 608-610/623-625
4	450-454/460-464	400gal 15% HCL w/ 30 bbls 2% iod water, 434bbls water w/ 2% ICL, Blockite 11008 2040 sand	450-454/460-464

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>947</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	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. <u>n/a</u>	Gas Mcf <u>23.7mcf</u>	Water Bbls. <u>46.7bbls</u>	Gas-Lift Ratio <u></u> Gravity <u></u>

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		<p>Click here to run SSP</p> <p>Click</p> <p>Click</p> <p>Click</p> <p>Click</p> <p>Goal Seek SSP</p> <p>Click</p>		
2	Parameters	Units	Input	Input	Input	Input	Input				
3	Select the brines	Select fluid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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)	SUSR (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, measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)		
									Calcite	NTMP	
35	Choose one option to calculate SI?	0-CO ₂ %+Alk, 1-pH+Alk, 2-CO ₂ %+pH	0	0	0	0	0	0			
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)		
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 Calculated	(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 ScaleSoft/Pitzer			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	bbl(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	bbl(42 US gal)	238		
70	Display act coeffs?	0	1-Yes,0-No	9	Average	Liters	10,000	bbl(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

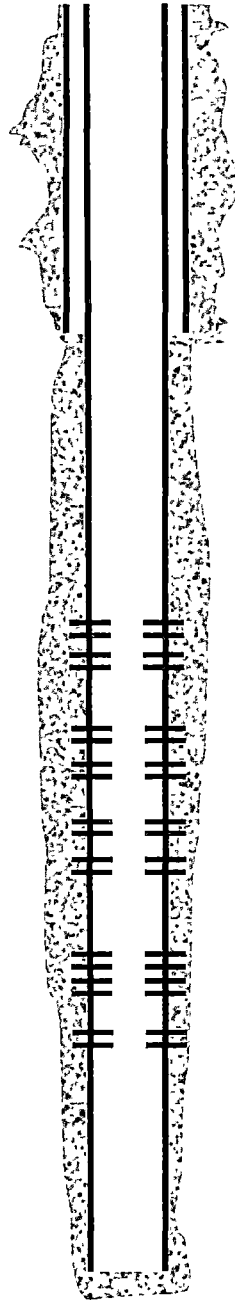


PostRock

Wellbore Schematic

WELL: Shaw Enterprises 28-1
SSI: 610200
API: 15-133-26489-00-00
LOCATION: NE NW Sec. 28-28S-19E
COUNTY: Neosho
STATE: Kansas

Casing	8.625" @ 22' 4.5" 10.5# J-55, 4.05" ID w/ 0.0159 bbl/ft capacity @ 998'
Perforations	Original perms: 3/13/2006 - Riverton 881-884 (13) - Neutral 829-830 (5) - Rowe 822-824 (9) - Fleming 623-625 (9) - Fleming 608-610 (9) - Croweburg 572-575 (13) - Bevier 546-548 (9) - Mulky 460-464 (17)
Completions	Spud Date: 2/23/2006 Completion date: 3/13/2006 River/Nuetral/Rowe: - 8100# 20/40 - 400 gals 15% - 381 bbls - 14 bpm Flem/Crowe/Bevier: - 10000# 20/40 - 400 gals 15% - 514 bbls - 16 bpm Mulky/Summit: - 11000# 20/40 - 400 gals 15% - 434 bbls - 18 bpm



TOC - Surface

8.625" @ 22'
4 sks cement

4.5" 10.5# @ 998'
142 sks cement

TD -1003'

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 **Shaw Enterprises 28-1** 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 **Riverton, Neutral, Rowe, Fleming, Croweburg, Mulky, Summit and Cattleman** producing formations at the **Shaw Enterprises 28-1**, located in the **NW SE NE NW, S28-T28S-R19E**, Approximately **691 FNL & 1981 FWL**, **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 18 day of July 2012, with subsequent publications being made on the following dates:

_____, 2012 _____, 2012

_____, 2012 _____, 2012

Rhonda Howerter

Subscribed and sworn to and before me this 19 day of July, 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 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 (3196744)
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 Shaw Enterprises 28-1 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 herby notified that Postrock Midcontinent Production, LLC has filed an application to commence the Riverton, Neutral, Rowe, Fleming, Croweburo, Mulky, Summit and Cattelman producing formations at the Shaw Enterprises 28-1, located in the NW 1/4 SE 1/4 NE 1/4 S28-1-285-R19E, approximately 691 FNL B1981 FV/L, 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

SHAW, ENTERPRISES 28-1-APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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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.

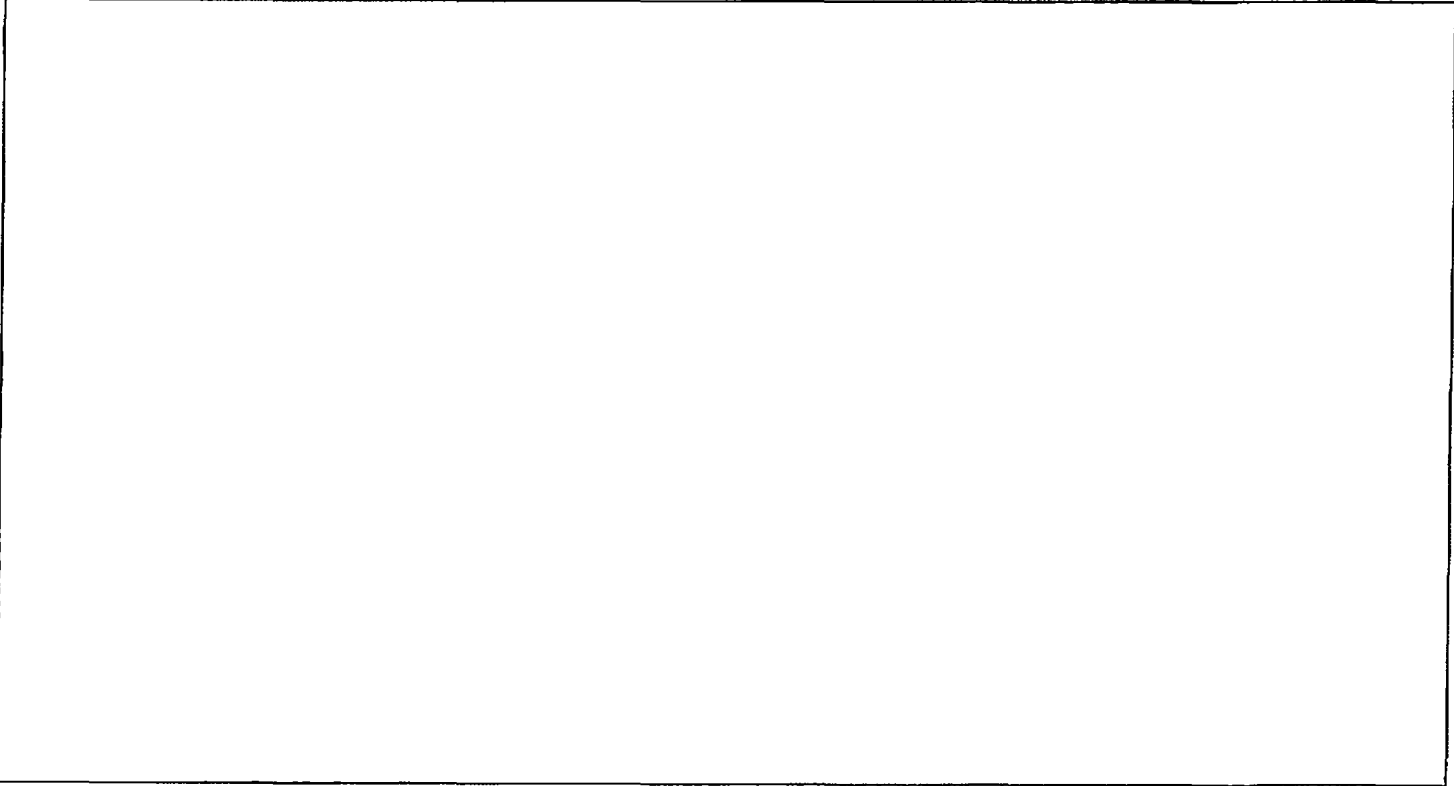
Jess L Morris
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 18th day of SEPTEMBER, 2012



Jennifer R Beal
Notary Public

My Commission Expires: July 20, 2016



SHAW ENTERPRISES 28-1

LEGAL LOCATION	SPOT	CURR_OPERA
S28-T28S-R19E	SW NW NW SE	M & C Oil, Inc.

SHAW ENTERPRISES 28-1

22-28S-19E

per TO dtd 7.21.07

Notes

suit is still pending, Shaw owns lots of severed minerals in this section, it is their well but just to be safe, send Shaw Enterprises an ACO as well.

SW4SW4 Shaw Enterprises, Inc., a Kansas Corporation
11600 160th Road
Chanute, KS 66720

SW4SW4 Stanton E Ross and Merett S Ross, h/w
5509 Golden Bear Dr
Overland Park, KS 66223

28-28S-19E

per TO dtd 11.30.10

E2NE4 SR Farm, LLC
5509 Golden Bear Dr
Overland Park, KS 66223

21-28S-19E

N2S2 less Elk Creek Agricultural Limited Partnership
14 Woodsborough
Houston, TX 77055

S2S2 less Leroy E & Elaine Castagno
PO BOX 1204
Pittsburg, KS 66762

tracts in S2S2 Alexander David Mih
1927 Brewster Rd
Indianapolis, IN 46260

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Affidavit of Notice Served

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

Well Name: SHAW ENTERPRISES 28-1 Legal Location: NWSENEW S28-T28S-R19E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 18th of SEPTEMBER, 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)

M & C OIL, INC

PO BOX 427, IDIANOLA, NE 68034

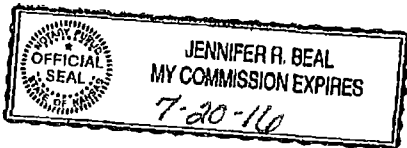
SEE ATTACHED

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 18th day of SEPTEMBER, 2012

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 18th day of SEPTEMBER, 2012



[Signature]
Notary Public

My Commission Expires July 20, 2016

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SHAW ENTERPRISES 28-1

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1927 Brewster Rd
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

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

Sam Brownback, Governor

October 3, 2012

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

RE: Approved Commingling CO091210
Shaw Enterprises 28-1, Sec. 28-T28S-R19E, Neosho County
API No. 15-133-26489-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on September 18, 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 CO091210 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