KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1093858

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 # CO101223

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 - 15-133-26896-00-00
Spot Description:
NE SE SW SE Sec. 22 Twp. 28 S. R. 18 ☑ East ☐ West
507 Feet from ☐ North / ☑ South Line of Section
1600 Feet from ☑ East / ☐ West Line of Section
County: Neosho
Lease Name: TAYLOR, WAYNE L. Well #: 22-4

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

Formation:	BARTLESVILLE	(Perfs):	880-881
Formation:	CATTLEMAN	(Perfs):	816-821
Formation:	CATTLEMAN	(Perfs):	878-884
Formation:		(Perfs):	
Formation:		(Perfs):	

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

Formation:	BARTLESVILLE	BOPD:	0	MCFPD:	26	BWPD:	11
Formation:	CATTLEMAN	BOPD:	1.5	MCFPD:	0	BWPD:	10
Formation:	CATTLEMAN	BOPD:	1.5	MCFPD:	0	BWPD:	10
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: 11/9/2012
Approved By: Rick Hestermann Date: 11/09/2012

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 wihin 15 days of publication of the notice of application.

Mail with all required attachments and files to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

	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	
2	Parameters	Units	Input	Input	Input	Input	Input				
3	Select the brines	Select fluid	☑	☑	☑	☑	☑	Mixed brine:		Click	
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.	Goal Seek SSP	Click	
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		Click	
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	SiO2	(mg/l) SiO2						0.00	-3.47	-3.36	0.12
24	HCO3 Alkalinity**	(mg/l as HCO3)	190.00	234.00	259.00	268.00	254.00	241.03	Celestite		
25	CO3 Alkalinity	(mg/l as CO3)									
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide		
27	Ammonia	(mg/L) NH3						0.00	-0.16	-0.22	-0.06
28	Borate	(mg/L) H3BO3						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_2S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate		
33	Total H2Saq	(mgH2S/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-CO2%+Alk, 1-pH+Alk, 2-CO2%+pH	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/^{0}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_2S Gas	(%)									
54	Total H2Saq (STP)	(mgH2S/l)									
55	pH Calculated	(pH)									
56	PCO2 Calculated	(%)									
57	Alkalinity Caclulated	(mg/l) as HCO3									
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	bbl(42 US gal)	629		
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074		
67	1st inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194		
68	% of 1st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193		
69	2nd inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bbl(42 US gal)	238		
70	Display act. coefs?	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

	Ratio					
Component (mg/L)	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

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

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.

4/14/07	4/27/07	4/27/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26896-0000
County: Neosho
ne - se - sw - se Sec. 22 Twp. 28 S. R. 18 ✓ East ☐ West
510 feet from (S) / N (circle one) Line of Section
1600 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Taylor, Wayne L. Well #: 22-4
Field Name: Cherokee Basin CBM
Producing Formation: Bartlesville
Elevation: Ground: 1010 KB Kelly Bushing: n/a
Total Depth: 1160 Plug Back Total Depth: 1154.12
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 1154.12
feet depth to surface w/ 101 sx cmt.

Drilling Fluid Management Plan AH II NJ 3509
(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: 8/15/07
Subscribed and sworn to before me this 15th day of August, 20 07.
Notary Public: Terra Klauman
Date Commission Expires: 8-4-2010

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

KCC Office Use ONLY
Y Letter of Confidentiality Received
✓ If Denied, Yes
✓ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

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AUG 17 2007
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Taylor, Wayne L. Well #: 22-4

Sec. 22 Twp. 28 S. R. 18 ☑ 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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (Submit Copy) ☐ Yes ☐ No

List All E. Logs Run:

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Compensated Density Neutron Log
Dual Induction Log
Gamma Ray Neutron Log

CONFIDENTIAL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
See attached		

CASING RECORD ☐ New ☐ 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	1154.12	"A"	101	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	880-881	250gal 7.5%HCLw/ 25 bbls 2%kcl water	880-881

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	927	n/a	☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
6/14/07	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	109.8mcf	0.3bbls		

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: ____

TERRA KLAUMAN
Notary Public - State of Kansas
My Appt. Exp.

QUEST
Resource Corporation

211 W. 14TH STREET,
CHANUTE, KS 66720
620-431-9500

CONFIDENTIAL

TICKET NUMBER 2149
FIELD TICKET REF #
FOREMAN Joe

G21040

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-27-07	Taylor Wayne 22-4	22	28	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe · B	6:45	10:00		903427		3.25	
MAVERICK. D	7:00			903197		3	
Tyler · G	7:00			903103		3	
Gary · C	7:00			903142	932452	3	
Bill · B	6:30			931615		3.5	
Paul. H	6:45	↓				3.25	

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1160 CASING SIZE & WEIGHT 4½ 10.5
CASING DEPTH 1154.12 DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.5 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 0
DISPLACEMENT 18.46 DISPLACEMENT PSI MIX PSI RATE 4 bpm

REMARKS:
INSTALLED Cement head RAN 2 SKS gel & 12 bbl dye & 10 1 SKS of cement To get dye to surface. flush pump. Pump wiper plug to bottom & set float shoe.

	1154.12	ft, 4½ Casing
	6	Centralizers
	1	4½ Floatshoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	3.25 hr	Foreman Pickup	
903197	3 hr	Cement Pump Truck	
903103	3 hr	Bulk Truck	
1104	95 SK	Portland Cement	
1124	2	~~50/50 POZ Blend Cement~~ Baffle 3½ #3	
1126	1	~~OWC - Blend Cement~~ 4½ wiper plug	
1110	10 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	2 SK	~~Sodium Silicate~~ Calchloride	
1123	7000 gal	City Water	
903142	3 hr	Transport Truck	
932452	3 hr	Transport Trailer	
931615	3.5 hr	80 Vac	

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CONSERVATION DIVISION
WICHITA, KS

Ravin 4513

TXD SERVICES LP DRILLERS LOG TXD SERVICES LP

RIG #	101	S. 22	T. 28	R. 18	
API #	133-26896	County:	Neosho		
	Elev: 1010'	Location	Kansas		

Operator:	Quest Cherokee, LLC
Address:	9520 N. May Ave, Suite 300
	Oklahoma City, OK. 73120
Well #	22-4 Lease Name Taylor, Wayne L.
Footage Location	1510 ft from the S Line
	1600 ft from the E Line
Drilling Contractor:	TXD SERVICES LP
Spud Date;	4/19/2007 Geologist:
Date Comp:	4/27/2007 Total Depth: 1170'
Exact spot Location;	SW SE

	Surface	Production
Size Hole	12-1/4"	6-3/4"
Size Casing	8-5/8"	4-1/2"
Weight	24#	
Setting Depth	21'	
Type Cement	portland	
Sacks		

436'	0
498'	0
529'	slight blow
653'	15 - 1/2" 24.5
901'	1,612,000 mcf
1087'	2million+

CONFIDENTIAL

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	3	lime	295	337	shale	568	590
shale	3	42	shale	337	343	sand	590	598
lime	42	60	b.shale	343	346	shale	598	610
shale	60	100	shale	346	367	lime	610	627
lime	100	111	lime	367	369	shale	627	629
shale	111	123	shale	369	400	b.shale	629	633
lime	123	182	b.shale	400	402	shale	633	636
shale	182	187	shale	402	405	lime	636	644
lime	187	190	lime	405	425	shale	644	768
shale	190	192	shale	425	436	sand	768	790
sand	192	216	lime	436	445	sand/shale	790	799
coal	216	217	shale	445	452	coal	799	800
shale	217	227	sand	452	460	shale	800	816
coal	227	228	shale	460	475	oil sand	816	827
shale	228	230	coal	475	476	shale	827	861
lime	230	250	shale	476	519	sand	861	869
shale	250	257	lime	519	525	shale	869	878
lime	257	269	shale	525	526	oil sand	878	885
shale	269	273	coal	526	527	shale	885	890
b.shale	273	276	shale	527	529	sand	890	894
shale	276	283	lime	529	565	shale	894	910
lime	283	288	shale	565	567	coal	910	911
sand	288	295	b.shale	567	568	shale	911	972

290' added water

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CONSERVATION DIVISION
WICHITA, KS

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
sand/shale	972	986						
shale	986	992						
coal	992	993						
shale	993	1012						
coal	1012	1014						
sand/shale	1014	1046						
coal	1046	1047						
shale	1047	1069						
coal	1069	1071						
lime/mississ	1071	1170						

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1071-1170' oil odor in top

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WICHITA, KS

8-15-2009

9520 N. May, Suite 300
Oklahoma City, OK 73120
405-488-1304
405-840-1156 fax

QUEST
Resource Corporation

211 West 14th Street
Chanute, KS 66720
620-431-9500
620-431-9501 fax

August 15th, 2007

CONFIDENTIAL

Kansas Corporation Commission
130 S. Market – Room 2078
Wichita, KS 67202

To Whom It May Concern:

RE: Taylor, Wayne L. 22-4
API # 15-133-26896-0000
Sec22-T28S-R18E

At this time we would like to request confidentiality for a period of two years on the above named well location in accordance with Regulation #82-3-107 (e).

I have attached a copy of the ACO-1 for your reference.

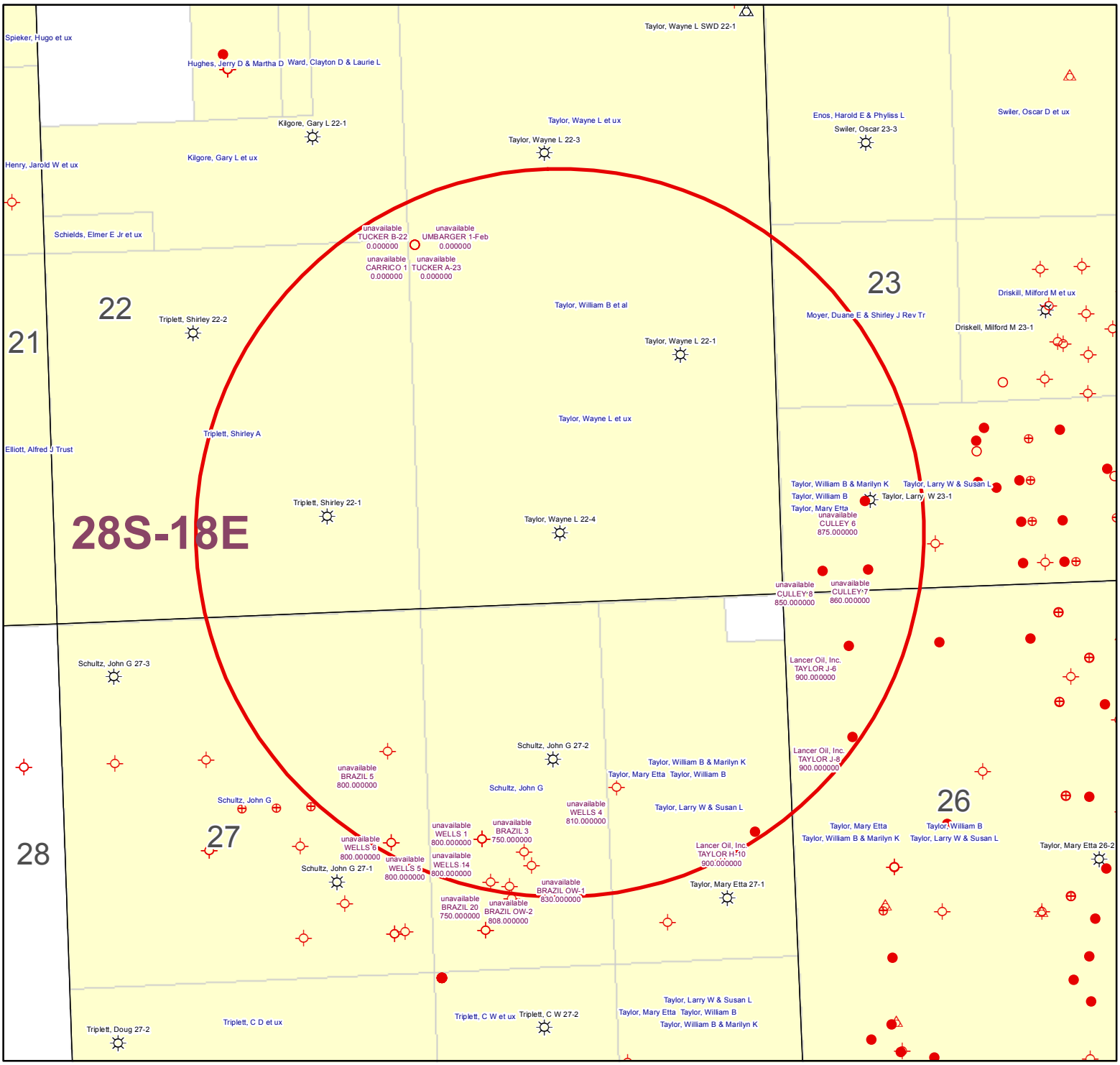
Thank you for your time and consideration in this matter.

Sincerely,

Jennifer R. Ammann

Jennifer R. Ammann
New Well Development Coordinator

Enclosure



KGS STATUS

- DA/PA
- EOR
- GAS
- INJ/SWD
- OIL
- OIL/GAS
- OTHER

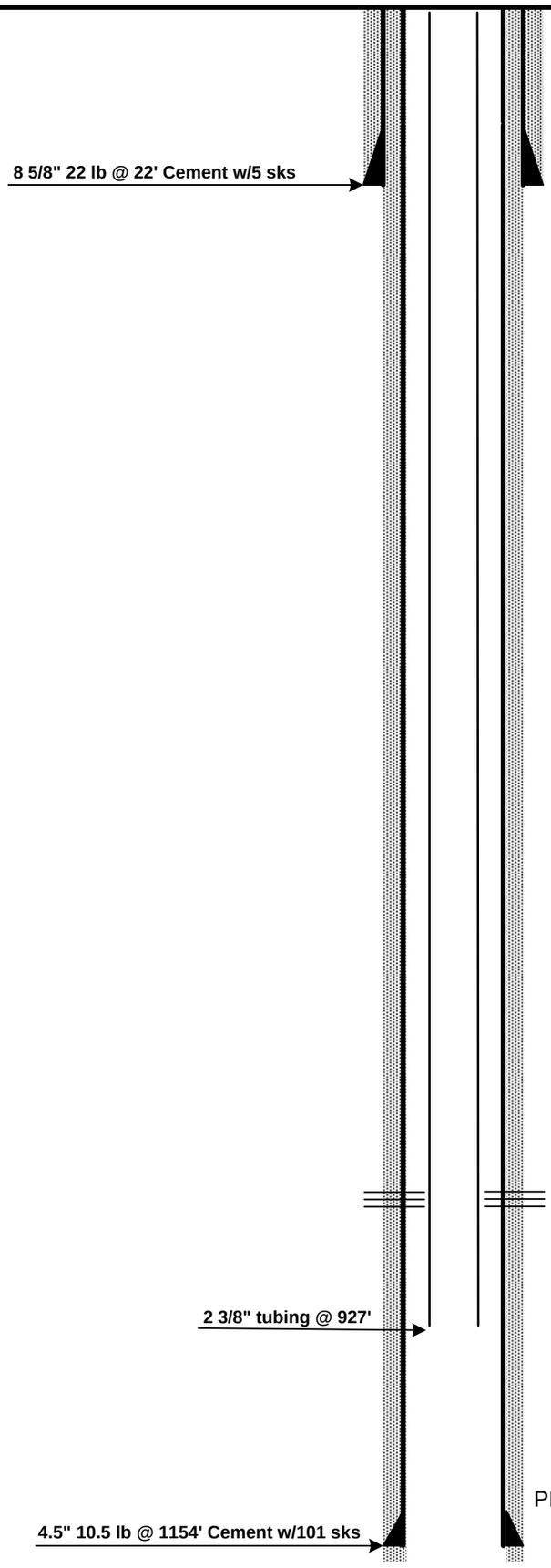
Taylor, Wayne L 22-4
22-28S-18E
1" = 1,000'

POSTROCK	PostRock	Current Completion

WELL : Taylor, Wayne L 22-4
FIELD : Cherokee Basin
STATE : Kansas
COUNTY : Neosho

SPUD DATE : 4/14/2007
COMP. Date : 4/27/2007
API: 15-133-26896-00-00

LOCATION: 22-28S-18E (SW,SE)
ELEVATION: 1010'



Drilled Depth @ 1160'

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 ½"	10.5 lb		.0159	2007	1154'
2 3/8"				2007	927'

Downhole Equipment Detail

Completion Data

Original as GAS Well per ACO-1

250 gals 7.5% HCL
25 bbls water

Perforations

Original Completion: 4 spf
880-881 Barltlesville (5)

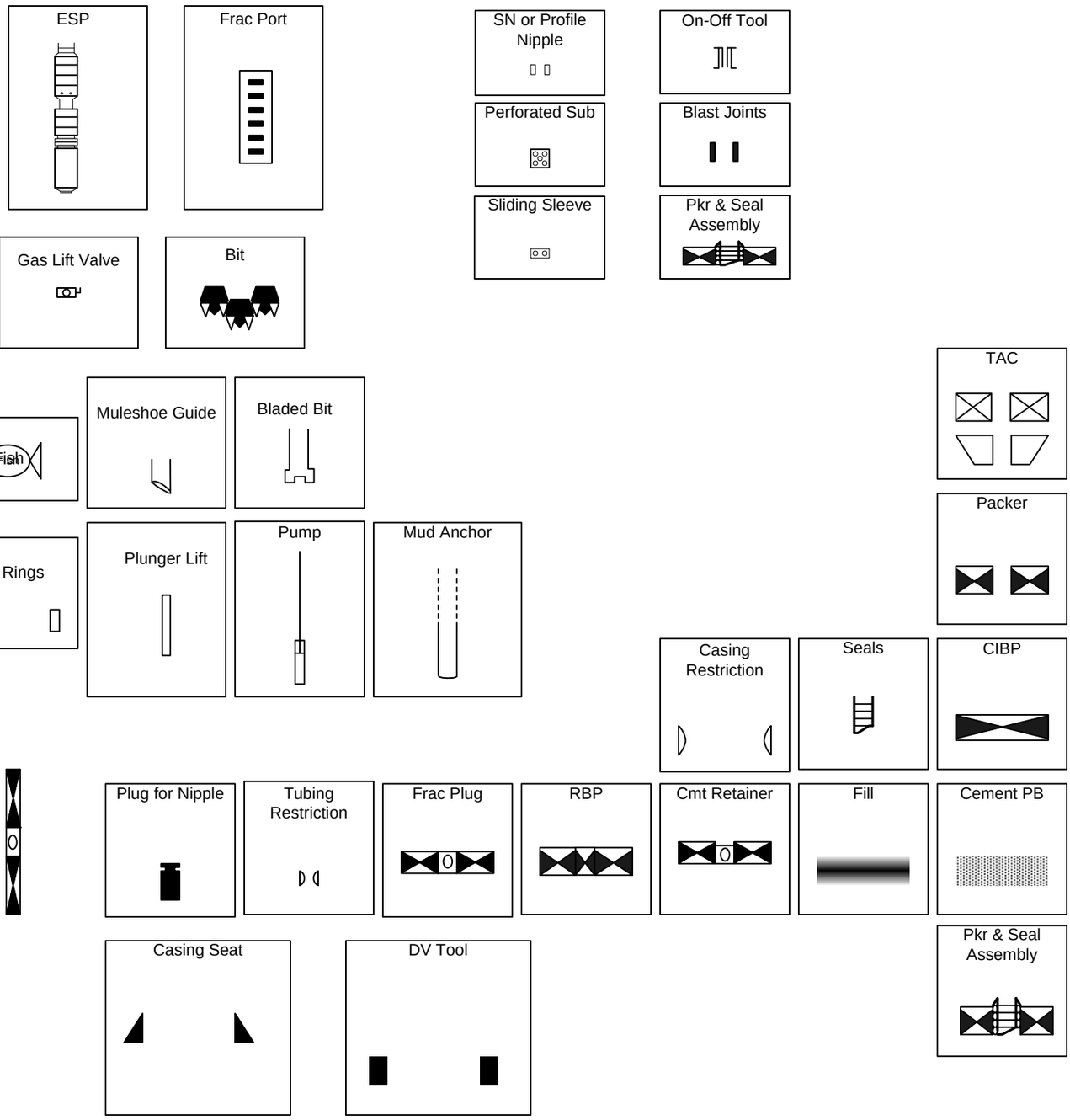
PREPARED BY: POSTROCK **DATE:** Sept, 2012

APPROVED BY: _____ **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 **Taylor, Wayne L 22-4** 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 **Bartlesville and Cattleman** producing formations at the **Taylor, Wayne L 22-4,** located in the **NE SE SW SE, S22-T28S-R18E, Approximately 507 FSL & 1600 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

Notary Public

My commission expires: January 9, 2015

Printer's Fee ..... $ 108 30
Affidavit, Notary's Fee ..... $ 3.00
Additional Copies ..... $ _____
Total Publication Fees ..... $ 111 30

SHANNA L. GUIOT
Notary Public - State of Kansas
Appt. Expires

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 - State of Kansas
My Appt. Expires 5/28/2014

Penny L Case
Notary Public Sedgwick County, Kansas

Printer's Fee : **$130.00**

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
OCTOBER 11, 2012 (3211682)
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 **Taylor, Wayne L 22-4** 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 **Bartlesville and Cattleman** producing formations at the **Taylor, Wayne L 22-4,** located in the **NE SE SW SE, S22-T28S-R18E, Approximately 507 FSL & 1600 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: TAYLOR, WAYNE L 22-4 Legal Location: NESESWSE S22-T28S-R18E

The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day 25th 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)*
LANCER OIL, INC	PO BOX 34, PIQUA, KS 66761
JERRY L & RONDA JO HAINES	6975 150TH RD, CHANUTE, KS 66720

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 25th day of OCTOBER, 2012

Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 25th day of OCTOBER, 2012

NOTARY PUBLIC OFFICIAL SEAL STATE OF KANSAS
JENNIFER R. BEAL
MY COMMISSION EXPIRES
7-20-2016

Notary Public

My Commission Expires: July 20, 2016

TAYLOR, WAYNE L 22-4-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.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 25th day of OCTOBER, 2012

JENNIFER R. BEAL
MY COMMISSION EXPIRES
7-20-2016

Notary Public

My Commission Expires: July 20, 2016

TAYLOR, WAYNE L 22-4

27-28S-18E

Tract in NENE Jerry L. & Ronda Jo Haines
6975 150th Rd
Chanute, KS 66720

TAYLOR, WAYNE L 22-4

LEGAL LOCATION	SPOT	CURR_OPERA
S27-T28S-R18E	NE SE NE	**Lancer Oil, Inc.**
S26-T28S-R18E	NW NW NW	**Lancer Oil, Inc.**
S26-T28S-R18E	SW NW NW	**Lancer Oil, Inc.**

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

Kansas
Corporation Commission

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

November 9, 2012

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

RE: Approved Commingling CO101223
Taylor, Wayne L. 22-4, Sec. 22-T28S-R18E, Neosho County
API No. 15-133-26896-00-00

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 Bartlesville 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 CO101223 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