KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1099242

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 # CO011305

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 - 15-133-27440-00-00
Spot Description:
SW - SW - SW - Sec. 14 Twp. 28 S. R. 18 ☑ East ☐ West
330 Feet from ☐ North / ☑ South Line of Section
330 Feet from ☐ East / ☑ West Line of Section
County: Neosho
Lease Name: BAILEY, MARION Well #: 14-2

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

Formation:	SUMMIT	(Perfs):	588-592
Formation:	MULKY	(Perfs):	559-603
Formation:	CROWEBURG	(Perfs):	706-709
Formation:	FLEMING	(Perfs):	745-747
Formation:	FLEMING	(Perfs):	762-764

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

Formation:	SUMMIT	BOPD:	0	MCFPD:	0	BWPD:	4.44
Formation:	MULKY	BOPD:	0	MCFPD:	0	BWPD:	4.44
Formation:	CROWEBURG	BOPD:	0	MCFPD:	0	BWPD:	4.44
Formation:	FLEMING	BOPD:	0	MCFPD:	0	BWPD:	4.44
Formation:	FLEMING	BOPD:	0	MCFPD:	0	BWPD:	4.44

☑ 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: 1/26/2013
Approved By: Rick Hestermann Date: 01/28/2013

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.

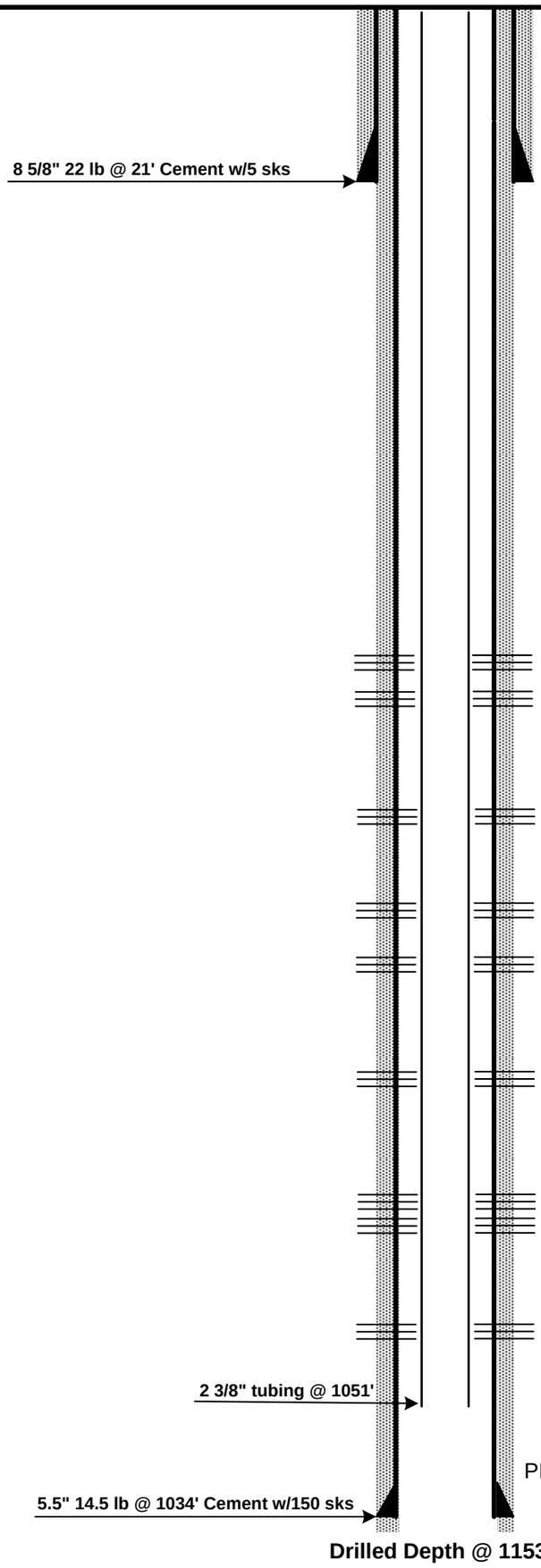
Mail with all required attachments and files to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

POSTROCK	PostRock	Current Completion

WELL : Bailey, Marion 14-2
FIELD : Cherokee Basin
STATE : Kansas
COUNTY : Neosho

SPUD DATE : 4/14/2008
COMP. Date : 4/16/2008
API: 15-133-27440-00-00

LOCATION: 14-28S-18E (SW,SW)
ELEVATION: 949'



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			2008	21'
5 ½"	14.5 lb		.0244	2008	1134'
2 3/8"				2008	1051'

Downhole Equipment Detail

Completion Data

Original as GAS Well per ACO-1

1,200 gals 15% HCL
1,792 bbls water
18,200 lbs 20/40 sand

Perforations

Original Completion: 4 spf
588-592 Summit (17)
599-603 Mulky (17)
706-709 Croweburg (13)
745-747 Fleming (9)
762-764 Fleming (9)
854-856 Weir (9)
949-951 Rowe (9)
955-957 Neutral (9)
1008-1011 Riverton (13)

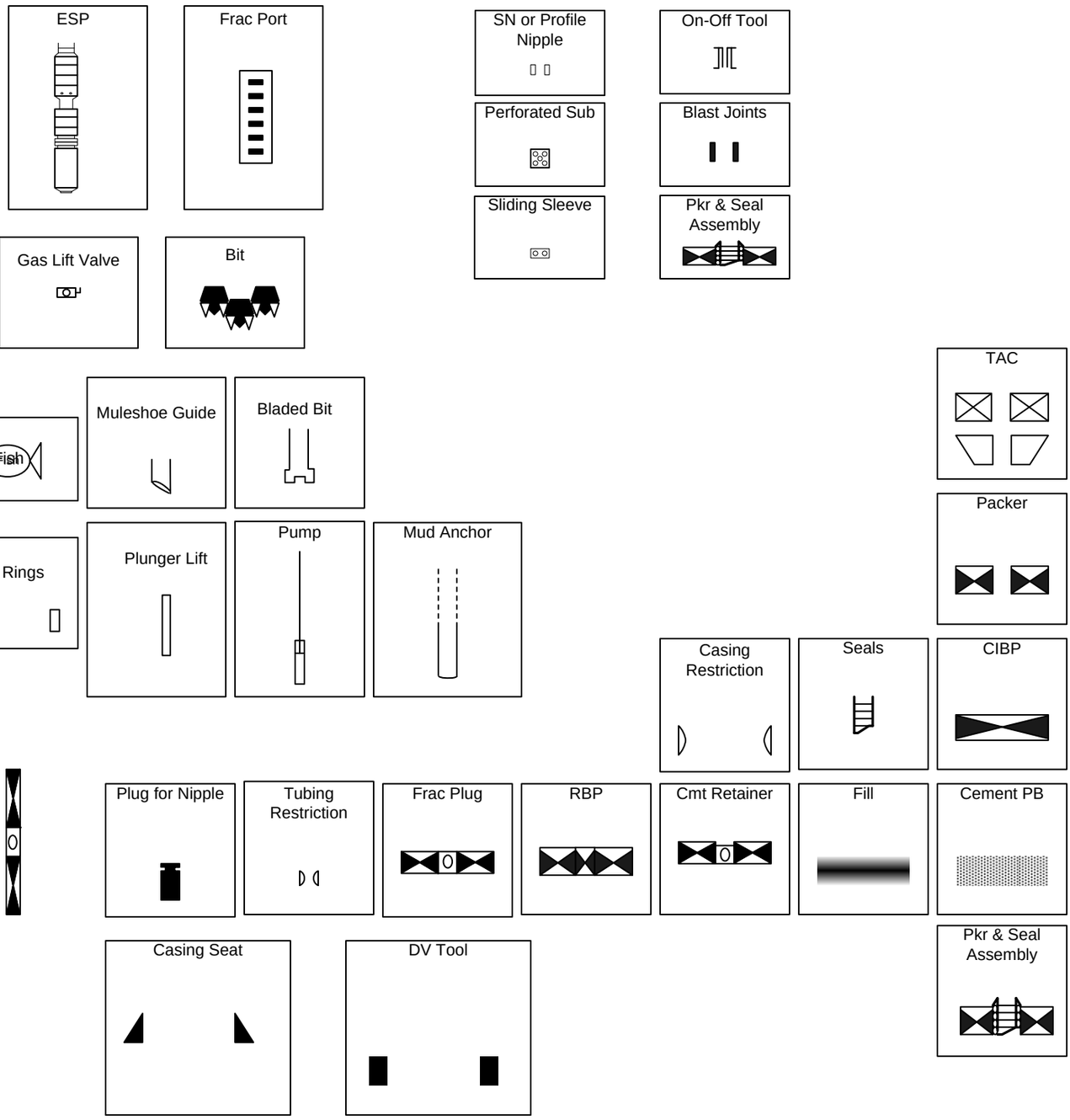
PREPARED BY: POSTROCK **DATE:** Sept, 2012

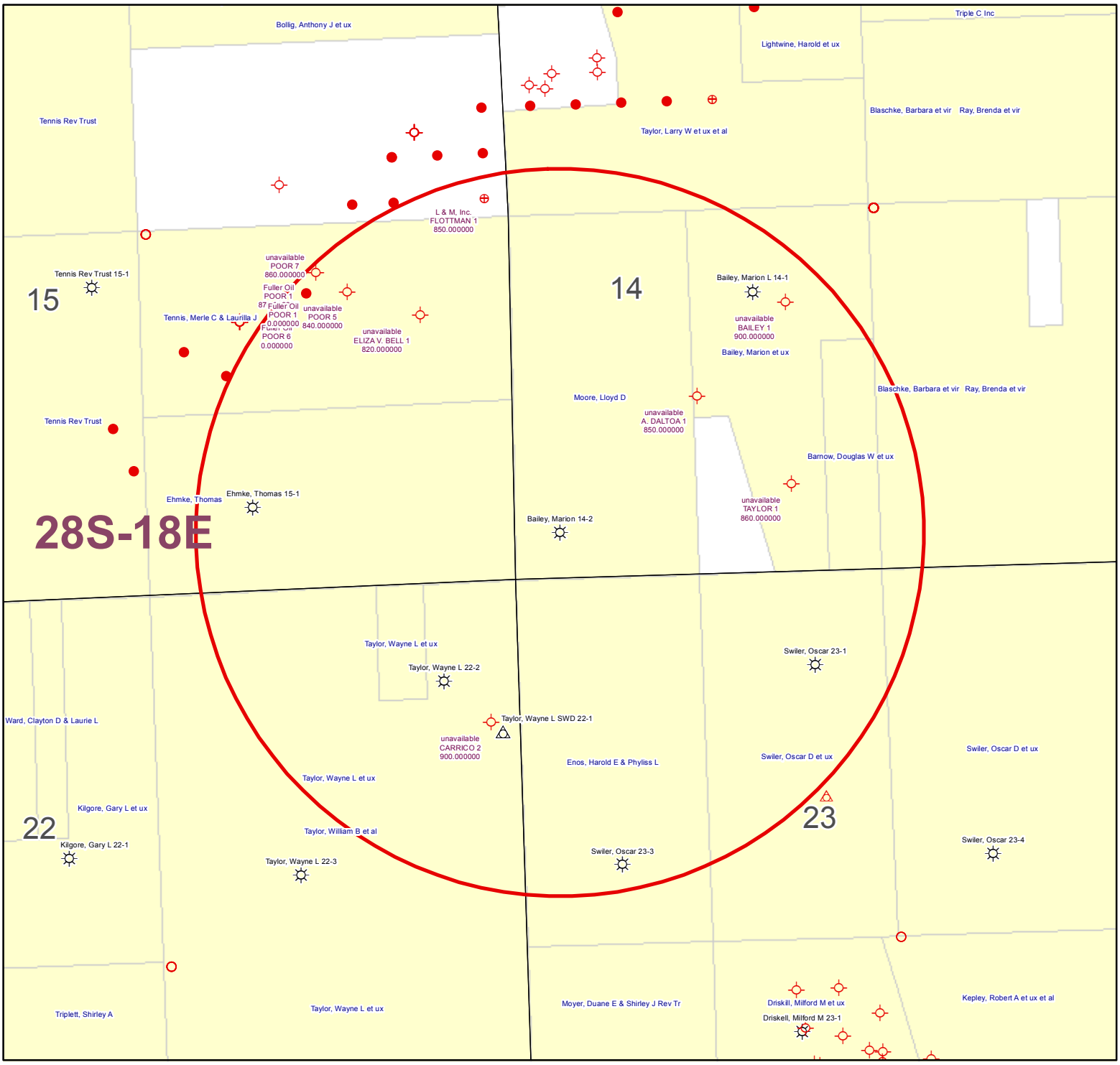
APPROVED BY: _____ **DATE:** _____

POSTROCK

PostRock

LEGEND





KGS STATUS

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

Bailey, Marion 14-2
14-28S-18E
1" = 1,000'

	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

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form Must

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

27440

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. Smith
Phone: (620) 431-9500
Contractor: Name: TXD/Foxxe
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)

CONFIDENTIAL
AUG 0 6 2008
KCC

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.

4-14-08	4-15-08	4-16-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27211-0000
County: Neosho
___ - SW - SW - SW Sec. 14 Twp. 28 S. R. 18 ✓ East ☐ West
330 feet from (S) / N (circle one) Line of Section
330 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Bailey, Marion Well #: 14-2
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 949 Kelly Bushing: n/a
Total Depth: 1153 Plug Back Total Depth: 1134.84
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 1134.84
feet depth to surface w/ 150 sx cmt.

Drilling Fluid Management Plan Alt II NH 10-8-08
(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. Smith
Title: New Well Development Coordinator Date: 8-06-08
Subscribed and sworn to before me this 6th day of August, 20 08.
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
✓ Letter of Confidentiality Received
If Denied, Yes ☐ Date:
✓ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 0 7 2008
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Bailey, Marion Well #: 14-2

Sec. 14 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 ☐ 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:

Compensated Density Neutron Log
Dual Induction Log

☑ 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	21	"A"	5	
Production	7-7/8	5-1/2	14.5	1134.84	"A"	150	

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	1008-1011/955-957/949-951	500gal 15%HCLw/ 69bbls 2%kcl water, 613bbls water w/ 2% KCL, Biocide, 6200# 20/40 sand	1008-1011/955-957
			949-951
4	854-856/762-764/745-747/706-709	400gal 15%HCLw/ 58bbls 2%kcl water, 504bbls water w/ 2% KCL, Biocide, 4900# 20/40 sand	854-856/762-764
			745-747/706-709
4	599-603/588-592	300gal 15%HCLw/ 58bbls 2%kcl water, 675bbls water w/ 2% KCL, Biocide, 7100# 20/40 sand	599-603/588-592

TUBING RECORD Size	Set At	Packer At	Liner Run
2-3/8"	1051	n/a	☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
5-31-08	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	0mcf	O bbls		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other *(Specify)* _____

QUEST
Resource Corporation

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

TICKET NUMBER 6616
FIELD TICKET REF # _____
FOREMAN Joe
SSI 624500
API 15-133-27211

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-16-8	Bailey Marion 14-2	14	28	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	6:45	10:00		903427		3.25	Joe Blanchard
Tim	6:45			903255		3.25	L Taylor
Tyler	7:00			903600		3	
Maverick	6:45	CONFIDENTIAL		903140	932452	3.25	
daniel	6:45	AUG 06 2008		904735		3.25	Daniel Sims
		KCC					

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1151 CASING SIZE & WEIGHT 5 1/2 14.5
CASING DEPTH 1134.84 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
DISPLACEMENT 27.02 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

REMARKS:
Installed cement head RAN 2 SKS of gel & 19 bbl dye & 1 SK gel & 152 SKS of Cement to get dye to Surface. Flush pump. Pump wiper plug to bottom & set Float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	1	Foreman Pickup	
903255	1	Cement Pump Truck	
903600	1	Bulk Truck	
903140	1	Transport Truck	
932452	1	Transport Trailer	
904735	1	80 Vac	
	1134.84	Casing 5 1/2	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	0	Frac Baffles	
	130 SK	Portland Cement	
	30 SK	Gilsonite	
	1.5 SK	Flo-Seal	
	10 SK	Premium Gel	
	3 SK	Cal Chloride	
	1 gal	KCL	
	7000 gal	City Water	

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 07 2008
CONSERVATION DIVISION
WICHITA, KS

Ravin 4513

FOXXE ENERGY **DRILLERS LOG** **FOXXE ENERGY**

RIG #	101	**S.** 14	**T.** 28	**R.** 18	**GAS TESTS:**
API #	133-27211	**County:**	Neosho		192' slight blow
Elev.:	949'	**Location:**	Kansas		316' 5 - 1/2" 14.1
					502' 2 - 1/2" 8.87
Operator:	Quest Cherokee LLC				533' 7 - 1/2" 16.7
Address	9520 N. May Ave., Suite 300				564' slight blow
	Oklahoma City, OK. 73120				595' 10 - 1/2" 19.9
WELL #	14-2	Lease Name:	Bailey, Marion		626' 10 - 1/2" 19.9
Footage location	330 ft. from the	S	line		688' 10 - 1/2" 19.9
	330 ft. from the	W	line		719' 10 -1/2" 19.9
Drilling Contractor:	**FOXXE ENERGY**				787' 10 - 1/2" 19.9
Spud Date:	N/A	Geologist:			812' 10 - 1/2" 19.9
Date Comp:	4-15-08	Total Depth:	1153'		874' 4 - 1/2" 12.5
Exact Spot Location	SW SW SW				967' 4 - 1/2" 12.5
Casing Record					998' slight blow
	Surface	Production			1029' slight blow
Size Hole	12-1/4"	7-7/8"			1153' 5 - 1/2" 14.1
Size Casing	8-5/8"	5-1/2"			
Weight	24#	15-1/2#			
Setting Depth	22'				
Type Cement	port				
Sacks	5				

CONFIDENTIAL
AUG 0 6 2008
KCC

WELL LOG

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	22	shale	309	321	sand/shale	599	674
shale	22	31	sand	321	356	sand	674	680
sand	31	51	lime	356	357	coal	680	682
lime	51	54	b. shale	357	359	sand	682	701
sand	54	58	sand/shale	359	384	lime	701	705
shale	58	62	lime	384	397	coal	705	706
lime	62	134	sand	397	471	sand	706	730
b. shale	134	138	lime	471	478	coal	730	731
sand	138	140	coal	478	480	sand	731	757
lime	140	145	shale	480	481	coal	757	760
sand	145	168	lime	481	517	sand	760	769
coal	168	169	b. shale	517	519	coal	769	770
sand	169	178	sand	519	536	sand	770	796
coal	178	180	coal	536	538	coal	796	797
lime	180	201	sand	538	552	shale	797	845
shale	201	211	shale	552	558	coal	845	846
sand	211	214	coal	558	559	sand	846	852
lime	214	226	lime	559	581	coal	852	853
b. shale	226	230	sand	581	585	sand	853	860
lime	230	291	b. shale	585	588	shale	860	879
shale	291	308	sand	588	598	coal	879	887
coal	308	309	coal	598	599	sand	881	886

Comments: 230' inj water

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 0 7 2008

CONSERVATION DIVISION
WICHITA, KS

WELL LOG	O'Conner Trust; 14-2				pg 2			
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
coal	886	887						
sand	887	892						
coal	892	894						
sand	894	910						
shale	910	912						
coal	912	913						
shale	913	943						
coal	943	946						
shale/sand	946	955						
coal	955	956						
shale	956	959						
coal	959	960						
shale	960	966						
coal	966	969						
shale	969	1005						
coal	1005	1008						
shale	1008	1021						
lime/mississ	1021	1153						

Comments:

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 **9th** of

November A.D. **2012**, with

subsequent publications being made on the following dates:

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
NOVEMBER 9, 2012 (3216876)
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 Bailey, Marion 14-2 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, Croweburg, Fleming, Weir, Rowe, Neutral, Riverton, Cattleman and Bartlesville producing formations at the Bailey, Marion 14-2, located in the SW SW SW, S14-T28S-R18E, Approximately 330 FNL & 330 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

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

9th day of November, 2012

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 7/28/2014

Penny L Case
Notary Public Sedgwick County, Kansas

Printer's Fee : **$132.40**

BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING
APPLICATION

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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 7 day of November
2012, with subsequent publications being made on the following dates:

_____, 2012 _____, 2012

_____, 2012 _____, 2012

Rhonda Howerter

Subscribed and sworn to and before me this 7 day of November, 2012

_____
Notary Public

My commission expires: January 9, 2015

Printer's Fee	$71.17
Affidavit, Notary's Fee	$3.00
Additional Copies	$
Total Publication Fees	$74.17

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

BAILEY, MARION 14-2

1 NAME & UPPER & LOWER LIMIT OF EACH PRODUCTION INTERVAL TO BE COMMINGLED

FORMATION:	WIER	(PERFS):	854	-	856
FORMATION:	ROWE	(PERFS):	949	-	951
FORMATION:	NEUTRAL	(PERFS):	955	-	957
FORMATION:	RIVERTON	(PERFS):	1008	-	1011
FORMATION:	CATTLEMAN	(PERFS):	781	-	787
FORMATION:	BARTLESVILLE	(PERFS):	846	-	850
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	

2 ESTIMATED AMOUNT OF FLUID PRODUCTION TO BE COMMINGLED FROM EACH INTERVAL

FORMATION:	WIER	BOPD:	0	MCFPD:	0	0 BWPD:		4.44
FORMATION:	ROWE	BOPD:	0	MCFPD:	0	BWPD:		4.44
FORMATION:	NEUTRAL	BOPD:	0	MCFPD:	0	BWPD:		4.44
FORMATION:	RIVERTON	BOPD:	0	MCFPD:	0	BWPD:		4.44
FORMATION:	CATTLEMAN	BOPD:	1.5	MCFPD:	0	BWPD:		10
FORMATION:	BARTLESVILLE	BOPD:	1.5	MCFPD:	0	BWPD:		10
FORMATION:	0	BOPD:		MCFPD:		BWPD:		
FORMATION:	0	BOPD:		MCFPD:		BWPD:		
FORMATION:	0	BOPD:		MCFPD:		BWPD:		
FORMATION:	0	BOPD:		MCFPD:		BWPD:		
FORMATION:	0	BOPD:		MCFPD:		BWPD:		
FORMATION:	0	BOPD:		MCFPD:		BWPD:		

Affidavit of Notice Served

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

Well Name: BAILEY, MARION 14-2 Legal Location: SW SW SW S14-T28S-R18E

The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day 11TH of JANUARY, 2013, 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)*
FULLER OIL	1312 E CARPENTER, IOLA, KS 66749
L & M, INC	1606 PAUL ST, APT A, PARKERSBURG, WV 26101
SEE ATTACHED	

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

Signed this 11TH day of JANUARY, 2013

Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 11TH day of JANUARY, 2013

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

Notary Public

My Commission Expires: July 20, 2016

BAILEY, MARION 14-2

14-28S-18E

Tract in E2 SW

Bradford R. & Shelmarie Miner
7320 160th RD
Chanute, KS 66720

15-28S-18E

S2NE4	Anthony J Bollig 4805 140TH Rd Chanute, KS 66720	one of our lessors

BAILEY, MARION 14-2-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 11TH day of JANUARY, 2013

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

Notary Public

My Commission Expires: July 20, 2016

BAILEY, MARION 14-2

LEGAL LOCATION	SPOT	CURR_OPERA
S15-T28S-R18E	NE NW SE	**Fuller Oil**
S15-T28S-R18E	N2 SE	**Fuller Oil**
S15-T28S-R18E	SE NE NW SE	**Fuller Oil**
S15-T28S-R18E	SE NE	**L & M, Inc.**

BAILEY, MARION 14-2

14-28S-18E

Tract in E2 SW

Bradford R. & Shelmarie Miner
7320 160th RD
Chanute, KS 66720

15-28S-18E

S2NE4	Anthony J Bollig 4805 140TH Rd Chanute, KS 66720	one of our lessors

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/

January 28, 2013

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

RE: Approved Commingling CO011305
Bailey, Marion 14-2, Sec. 14-T28S-R18E, Neosho County
API No. 15-133-27440-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on January 11, 2013, 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 CO011305 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