



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

OPERATOR: License # \_\_\_\_\_ API No. 15 - \_\_\_\_\_  
Name: \_\_\_\_\_ Spot Description: \_\_\_\_\_  
Address 1: \_\_\_\_\_ - - - - - Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
Address 2: \_\_\_\_\_ Feet from  North /  South Line of Section  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_ Feet from  East /  West Line of Section  
Contact Person: \_\_\_\_\_ County: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

**For Commingling of PRODUCTION ONLY, include the following:**

- 5. Wireline log of subject well. Previously Filed with ACO-1:  Yes  No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

**For Commingling of FLUIDS ONLY, include the following:**

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

**AFFIDAVIT:** I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

**Submitted Electronically**

**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.*

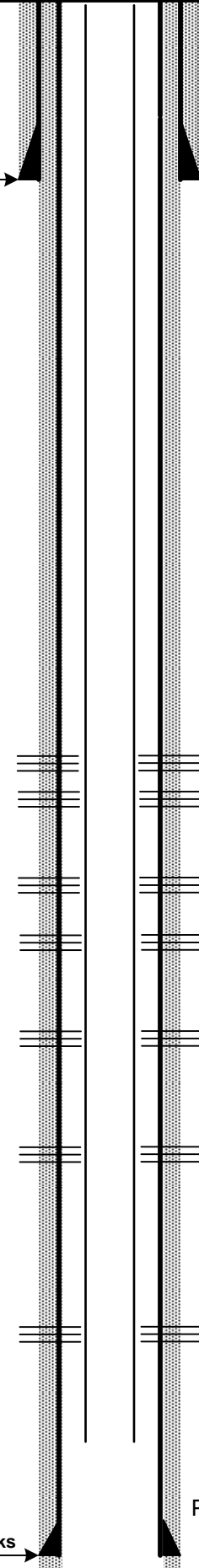


WELL : Wiltse, Marlene M 1-1  
FIELD : Cherokee Basin  
STATE : Kansas  
COUNTY : Neosho

SPUD DATE : 8/30/2007  
COMP. Date : 9/4/2007  
API: 15-133-27141-00-00

LOCATION: 1-27S-18E (SE,NW)  
ELEVATION: 960'

8 5/8" 22 lb @ 22.5' Cement w/5 sks



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	22.5'
4 1/2"	10.5 lb		.0159	2007	1120'

Downhole Equipment Detail


Completion Data

Original as GAS Well per ACO-1
1,200 gals 15% HCL
1,738 bbls water
15,800 lbs 20/40 sand

Perforations

Original Completion:
572-576 Summit (17)
582-586 Mulky (17)
675-678 Croweburg (13)
707-709 Fleming (9)
759-761 Tebo (9)
808-810 Weir (9)
976-979 Riverton (13)

4.5" 10.5 lb @ 1120' Cement w/165 sks

PBTD @ 1120'

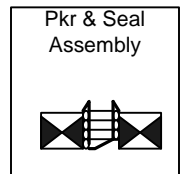
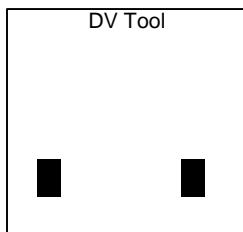
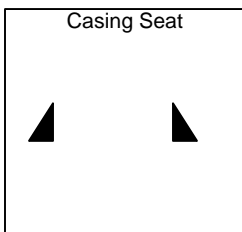
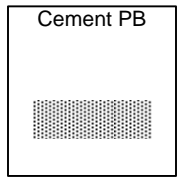
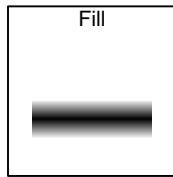
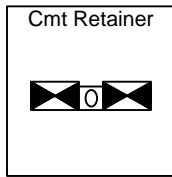
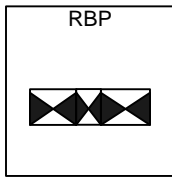
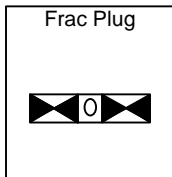
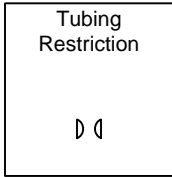
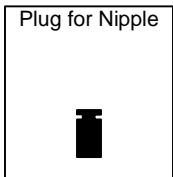
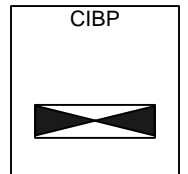
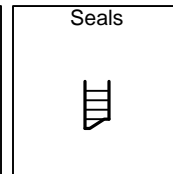
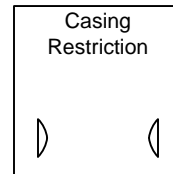
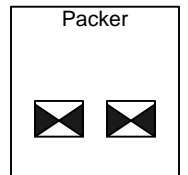
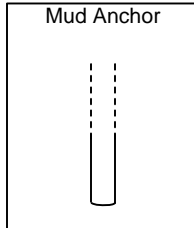
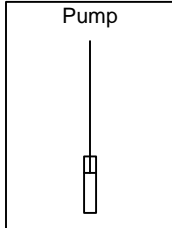
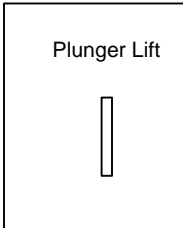
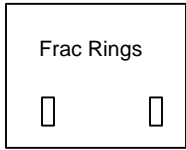
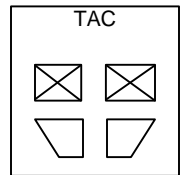
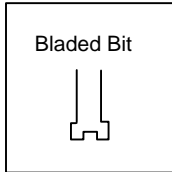
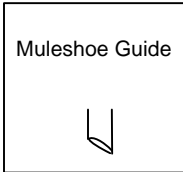
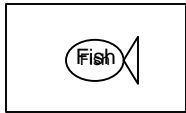
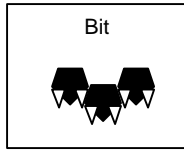
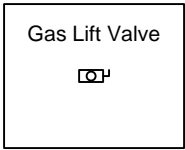
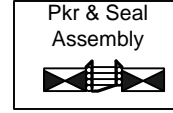
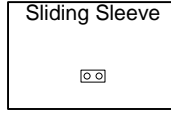
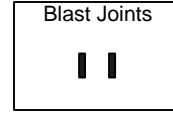
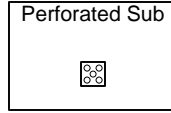
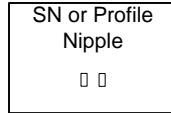
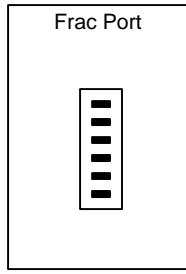
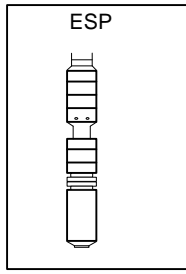
Drilled Depth @ 1118'

# POSTROCK



## LEGEND

PostRock®



	A	B	C	D	E	F	G	H	I	J	K	
1	Produced Fluids #		1	2	3	4	5		<a href="#">Click here to run SSP</a>  Goal Seek SSP		Click	
2	Parameters	Units	Input	Input	Input	Input	Input					Click
3	Select the brines	Select fluid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mixed brine:				
4	Sample ID	by checking						Cell H28 is				
5	Date	the box(es),	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	STP calc. pH.				
6	Operator	Row 3	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38				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				
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.				Click
10	Na <sup>+</sup>	(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 <sup>+</sup> (if not known =0)	(mg/l)						0.00	Saturation Index values			
12	Mg <sup>2+</sup>	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite			
13	Ca <sup>2+</sup>	(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 <sup>2+</sup>	(mg/l)						0.00	Barite			
15	Ba <sup>2+</sup>	(mg/l)						0.00				
16	Fe <sup>2+</sup>	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite			
17	Zn <sup>2+</sup>	(mg/l)						0.00	-1.77	-1.80	-0.03	
18	Pb <sup>2+</sup>	(mg/l)						0.00	Gypsum			
19	Cl <sup>-</sup>	(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 <sub>4</sub> <sup>2-</sup>	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate			
21	F <sup>-</sup>	(mg/l)						0.00	-3.96	-3.90	0.06	
22	Br <sup>-</sup>	(mg/l)						0.00	Anhydrite			
23	SiO <sub>2</sub>	(mg/l) SiO <sub>2</sub>						0.00	-3.47	-3.36	0.12	
24	HCO <sub>3</sub> Alkalinity**	(mg/l as HCO <sub>3</sub> )	190.00	234.00	259.00	268.00	254.00	241.03	Celestite			
25	CO <sub>3</sub> Alkalinity	(mg/l as CO <sub>3</sub> )										
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide			
27	Ammonia	(mg/L) NH <sub>3</sub>						0.00	-0.16	-0.22	-0.06	
28	Borate	(mg/L) H <sub>3</sub> BO <sub>3</sub>						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 <sub>2</sub> Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16				
32	H <sub>2</sub> S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate			
33	Total H <sub>2</sub> Saq	(mgH <sub>2</sub> S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23	
34	pH <sub>i</sub> measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)			
		0-CO <sub>2</sub> %+Alk, 1-pH+Alk, 2-CO <sub>2</sub> %+pH							Calcite	NTMP		
35	Choose one option to calculate SI?		0	0	0	0	0					
36	Gas/day(thousand cf/day)	(Mc/D)						0	0.00	0.00		
37	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP		
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00		
39	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)							(Enter H40-H43)	pH			
40	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60		
41	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)			
42	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826		
43	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml/°C)			
44	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959		
45	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)			
46	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP		
47	MeOH/Day	(B/D)	0					0	0.00	0.00		
48	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP		
49	Conc. Multiplier								0.00	0.00		
50	H <sup>+</sup> (Strong acid) <sup>†</sup>	(N)										
51	OH <sup>-</sup> (Strong base) <sup>†</sup>	(N)										
52	Quality Control Checks at STP:											
53	H <sub>2</sub> S Gas	(%)										
54	Total H <sub>2</sub> Saq (STP)	(mgH <sub>2</sub> S/l)										
55	pH Calculated	(pH)										
56	PCO <sub>2</sub> Calculated	(%)										
57	Alkalinity Cacluated	(mg/l) as HCO <sub>3</sub>										
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 <sup>3</sup>	100	ft <sup>3</sup>	3,531			
65	If No, inhibitor # is:	4	#	4	DTPMP	m <sup>3</sup>	100	bb(42 US gal)	629			
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074			
67	1 <sup>st</sup> inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194			
68	% of 1 <sup>st</sup> inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193			
69	2 <sup>nd</sup> inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	238			
70	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bb(42 US gal)	63			
71				10	Mixed							

## Saturation Index Calculations

*Champion Technologies, Inc.*  
(Based on the Tomson-Oddo Model)

**Brine 1:** Ward Feed Yard 34-1

**Brine 2:** Ward Feed Yard 4-1

**Brine 3:** Clinesmith 5-4

**Brine 4:** Clinesmith 1

**Brine 5:** Clinesmith 2

Component (mg/L)	Ratio					Mixed Brine
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	
Calcium	1836	2452	2044	1920	1948	1952
Magnesium	1096	872	1200	953	858	865
Barium	0	0	0	0	0	0
Strontium	0	0	0	0	0	0
Bicarbonate	190	234	259	268	254	253
Sulfate	1	1	8	1	1	1
Chloride	36299	48965	47874	45632	43147	43206
CO <sub>2</sub> 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

12/27/09

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

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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: L & S  
License: 33374

**CONFIDENTIAL**  
DEC 27 2007

**KCC**

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. \_\_\_\_\_

8/30/07	8/31/07	9/4/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27141-0000  
County: Neosho  
\_\_\_\_\_ se \_\_\_\_\_ nw Sec. 1 Twp. 27 S. R. 18  East  West  
1985 feet from S (circle one) Line of Section  
1835 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Wiltse, Marlene M. Well #: 1-1  
Field Name: Cherokee Basin CBM

Producing Formation: multiple  
Elevation: Ground: 960 Kelly Bushing: n/a  
Total Depth: 1118 Plug Back Total Depth: 1120.6  
Amount of Surface Pipe Set and Cemented at 22.5 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1120.6  
feet depth to surface w/ 165 sx crmt.

Drilling Fluid Management Plan APX IN 3-24-05  
(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: 12/27/07  
Subscribed and sworn to before me this 27th day of December,  
2007.  
Notary Public: Debra Klaueman  
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  
**DEC 28 2007**  
CONSERVATION DIVISION  
WICHITA, KS

**CONFIDENTIAL**

**DEC 27 2007**

Operator Name: Quest Cherokee, LLC Lease Name: Wiltse, Marlene M. Well #: 1-1  
 Sec. 1 Twp. 27 S. R. 18  East  West County: Neosho

**KCC**

**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 <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Compensated Density Neutron Log</b> <b>Dual Induction Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
---	--

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**DEC 28 2007**

**CONSERVATION DIVISION**  
**WICHITA, KS**

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	22.5	"A"	5	
Production	6-3/4	4-1/2	10.5	1120.6	"A"	165	

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	976-979	500gal 15%HCLw/ 51 bbls 2%kcl water, 446bbls water w/ 2% KCL, Biocide, 5600# 20/40 sand	976-979
4	808-810/759-761/707-709/675-678	400gal 15%HCLw/ 50 bbls 2%kcl water, 646bbls water w/ 2% KCL, Biocide, 5400# 20/40 sand	808-810/759-761 707-709/675-678
4	582-586/572-576	300gal 15%HCLw/ 49 bbls 2%kcl water, 646bbls water w/ 2% KCL, Biocide, 4800# 20/40 sand	582-586/572-576

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# QUEST

Resource Corporation



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

CONFIDENTIAL  
SSJ 62395  
DEC 27 2007  
APE 15-133 27141 KCC

TICKET NUMBER 2178

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Dwayne

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
9-4-07	Wilfse Marlene M 1-1			1	27	18	ND
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	7:00	12:00	NO	901640		5	<i>[Signature]</i>
Kevin	7:00	12:00		931305	932885	5	<i>[Signature]</i>

JOB TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 1121.9 CASING SIZE & WEIGHT 4 1/2 10.5#  
 CASING DEPTH 1119.6 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 17.85 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Replay well sev. Ran casing and cemented this well with 165 sacks OWC cement

1119.6'	4 1/2	Casing
5	4 1/2	Centralizers
1	4 1/2	Flag + Shoe

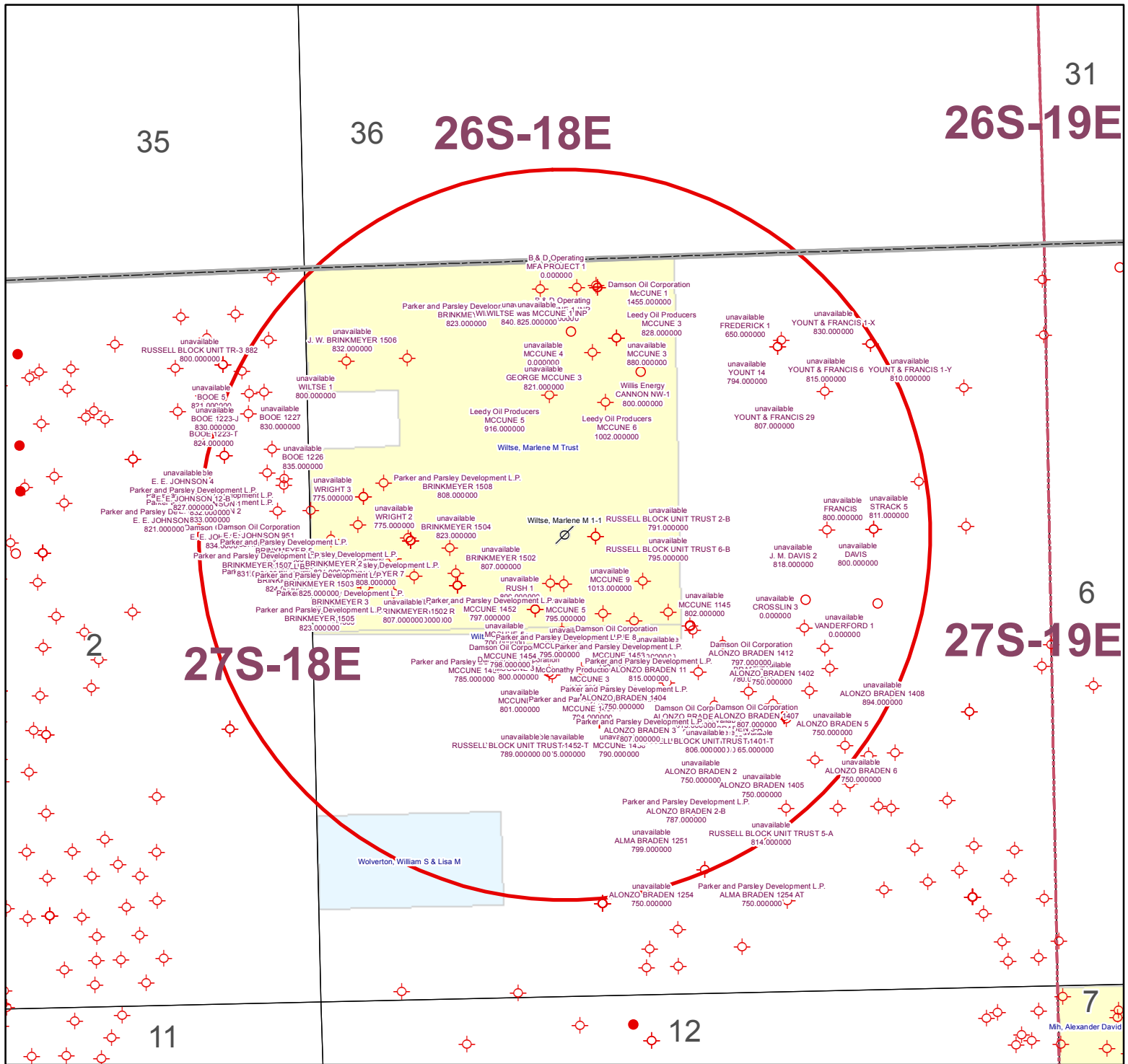
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
901640	5 hr	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
1104		Portland Cement	
1124	1	<del>4 1/2</del> 4 1/2 Wiper Plug	
1126		OWC - Blend Cement	
1110		Gilsonite	
1107		Flo-Seal	
1118		Premium Gel	
1215A		KCL	
1111B		Sodium Silicate	
1123		City Water	
931305	5	Transport Truck	
932885	5	Transport Trailer	
		80 Vac	

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 28 2007

CONSERVATION DIVISION





**KGS STATUS**

⊕	DA/PA
⊗	EOR
☀	GAS
△	INJ/SWD
●	OIL
☀	OIL/GAS
○	OTHER

Wiltse, Marlene M 1-1  
 1-27S-18E  
 1" = 1,000'

Mrs. Alexander David

**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposes 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 27th of

August 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

27th day of August, 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 : \$139.60

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
AUGUST 27, 2012 (3203401)
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 Wilse, Marlene M 1-1 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, Croweburg, Fleming, Tebo, Weir, Riverton and Bartlesville producing formations at the Wilse, Marlene M 1-1, located in the SENW S1-T27S-R18E, Approximately 1985 FNL & 1835 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

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

# Affidavit of Publication

RE: In the Matter of **Postrock Midcontinent Production, LLC**  
Application for Commingling of Production in the **Wiltse, Marlene M 1-1** located in **Neosho** County, Kansas.

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.

TO: All Oil & Gas Producers, Un-leased Mineral Interest Owners, Landowners, and all persons whomever concerned.

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.

You, and each of you, are hereby notified that **Postrock Midcontinent Production, LLC** has filed an application to commingle the **Summit, Mulky, Croweburg, Fleming, Tebo, Weir, Riverton and Bartlesville** producing formations at the **Wiltse, Marlene M 1-1**, located in the **SENW S1-T27S-R18E, Approximately 1985 FNL & 1835 FWL, Neosho** County, Kansas.

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 25 day of August 2012, with subsequent publications being made on the following dates:

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.

\_\_\_\_\_, 2012 \_\_\_\_\_, 2012  
\_\_\_\_\_, 2012 \_\_\_\_\_, 2012

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.

*Rhonda Howerter*

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.

Subscribed and sworn to and before me this 27 day of August 2012

*[Signature]*  
Notary Public

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

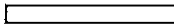
My commission expires: January 9, 2015

Printer's Fee ..... \$ 70.14  
Affidavit, Notary's Fee ..... \$ 3.00  
Additional Copies ..... \$ \_\_\_\_\_  
Total Publication Fees ..... \$ 73.14

A COPY OF THE AFFIDAVIT OF PUBLICATION MUST ACCOMPANY ALL APPLICATIONS

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





Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

SEE ATTACHED

Table with two columns for Name and Legal Description of Leasehold, containing multiple horizontal lines for text entry.

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

*Jeff L Morris*

Applicant or Duly Authorized Agent

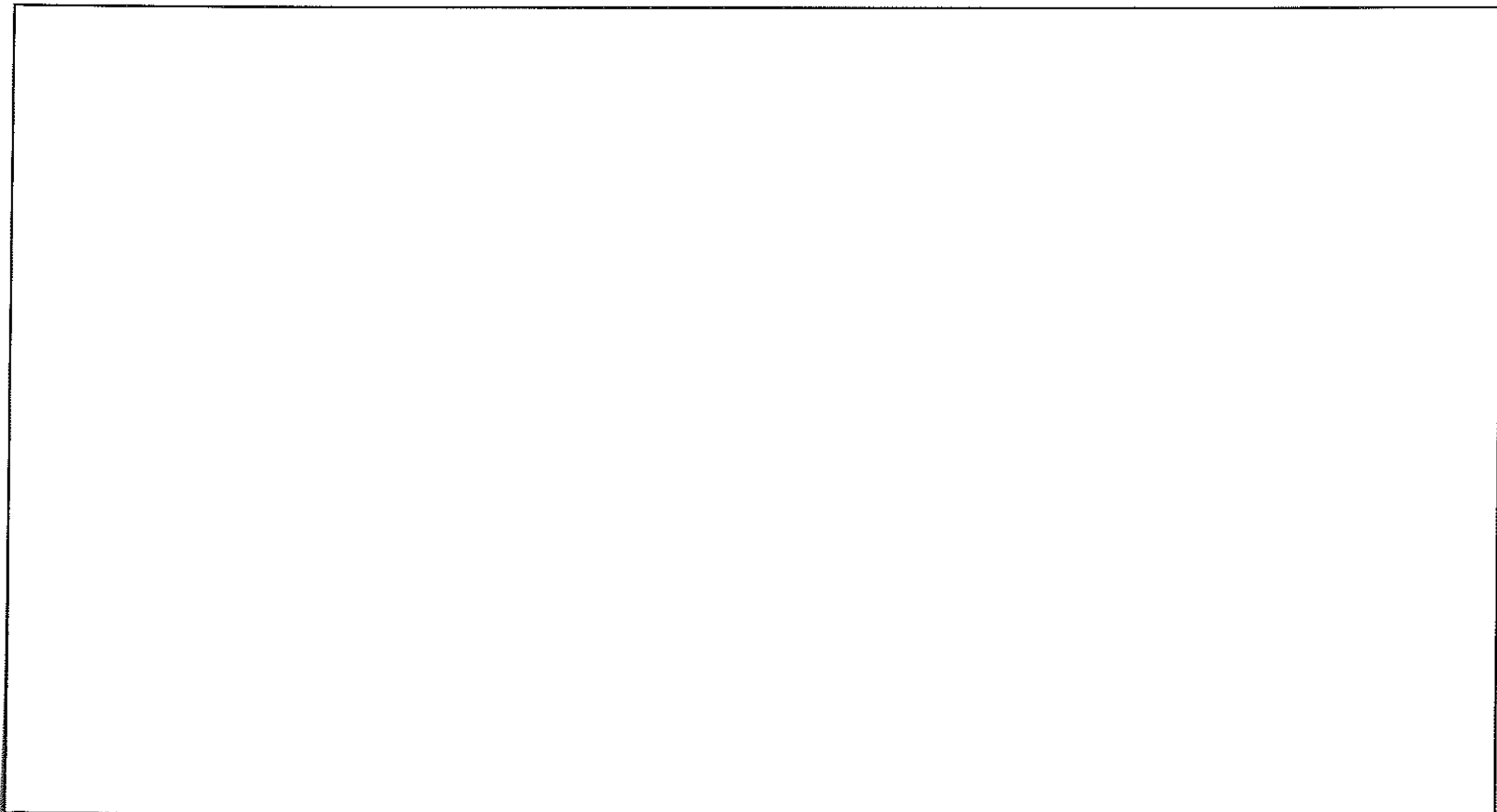
Subscribed and sworn before me this *11<sup>th</sup>* day of SEPTEMBER, 2012



*Jennifer R Beal*

Notary Public

My Commission Expires: *July 20, 2016*



WILTSE, MARLENE M 1-1

1-27S-18E

Notes

Tract in NW4  
6.08 acres

Thomas L and Sandra J Barnes  
24760 Harper Rd  
Humboldt, KS 66748

N2 NE4

Lot 1 & 2 less tract  
81.49 acres

Robert W Frederick and Valerie Frederick  
8745 250th Rd  
Humboldt, KS 66748

N2S2NE4 & tract  
40.7 acres

Bert L Cole and Anna E Cole  
24645 Irving Rd  
Humboldt, KS 66748

S2S2NE4

David R Gormley  
24525 Irving Rd  
Humboldt, KS 66748

N2SE4  
80 acres

Jack G Braden and Charlene M Braden, Trustees  
24385 Irving Rd  
Humboldt, KS 66748

S2SE4 less tract

Phillips Living Trust  
315 N Garfield  
Chanute, KS 66720

SE4SW4

Cynthia Audiss  
8450 240th Rd  
Chanute, KS 66720

N2SW4

William Shane Wolverton and Lisa M Wolverton  
24130 Harper Road  
Humboldt, KS 66748

tract in N2SW4

Craig & Sheryl Bagshaw  
24700 Douglas Rd  
Chanute, KS 66720

NE4SW4  
less N 100 feet

Darrell E Wiltse  
24630 Harper Road  
Chanute, KS 66720

2-27S-18E

2 NE4 NE4 less tract  
(portion)

Mark A. Chapman  
PO Box 450  
Sealy, TX 77474

SE4NE4 & NE4SE4 less tracts

Raymond L & Mary C Hull  
% Charles A & Kathy Ross  
7775 250TH RD  
Humboldt, KS 66748

tract in NE4 SE4

Travis W. Barnett  
7980 243rd Rd  
Chanute, KS 66720

36-26S-18E

SW4

Dale E & Mary J Daniels  
1711 Connecticut  
Humboldt, KS 66748

SE/4

Harold Whitaker  
266 2000 St  
Humboldt, KS 66748

**WILTSE, MARLENE M 1-1**

<b>LEGAL LOCATION</b>	<b>SPOT</b>	<b>CURR_OPERA</b>
S1-T27S-R18E	N2 NE NW	B & D Operating
S1-T27S-R18E	NW NW NE NW	B & D Operating
S1-T27S-R18E	SE NW NW SE	Damson Oil Corporation
S1-T27S-R18E	SW NE NW SE	Damson Oil Corporation
S1-T27S-R18E	NW NE NW SE	Damson Oil Corporation
S2-T27S-R18E	SE NE SE NE	Damson Oil Corporation
S2-T27S-R18E	SE NE SE NE	Damson Oil Corporation
S1-T27S-R18E	N2 NE NW	Damson Oil Corporation
S1-T27S-R18E	E2 W2 E2 W2	Damson Oil Corporation
S1-T27S-R18E	NE NW NE SW	Damson Oil Corporation
S1-T27S-R18E	NE NW NE SW	Damson Oil Corporation
S1-T27S-R18E	SE SE SE NW	Damson Oil Corporation
S1-T27S-R18E	NE NE NW	Leedy Oil Producers
S1-T27S-R18E	SW NE NW	Leedy Oil Producers
S1-T27S-R18E	SE NE NW	Leedy Oil Producers
S1-T27S-R18E	NE NE NE SW	McConathy Production Co., Inc.
S1-T27S-R18E	SW NW SW SE	Parker and Parsley Development L.P.
S1-T27S-R18E	NW NW NW SE	Parker and Parsley Development L.P.
S1-T27S-R18E	NW NW NW SE	Parker and Parsley Development L.P.
S1-T27S-R18E	SE SW NW SE	Parker and Parsley Development L.P.
S1-T27S-R18E	SW NW NW SE	Parker and Parsley Development L.P.
S1-T27S-R18E	NE SW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	SE SW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	SW NW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	NE NW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	SE NW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	NE SW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	NW NW NE NW	Parker and Parsley Development L.P.
S1-T27S-R18E	SW NW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	NW SW SW NW	Parker and Parsley Development L.P.
S1-T27S-R18E	NW SE SW NW	Parker and Parsley Development L.P.
S2-T27S-R18E	NE NE SE NE	Parker and Parsley Development L.P.
S2-T27S-R18E	NW NE SE NE	Parker and Parsley Development L.P.
S2-T27S-R18E	NE NE SE NE	Parker and Parsley Development L.P.
S2-T27S-R18E	NW NE SE NE	Parker and Parsley Development L.P.
S1-T27S-R18E	SW SE SE NW	Parker and Parsley Development L.P.
S1-T27S-R18E	SE NE NE SW	Parker and Parsley Development L.P.
S1-T27S-R18E	NE SW SE NW	Parker and Parsley Development L.P.
S1-T27S-R18E	NE NE NE SW	Parker and Parsley Development L.P.
S1-T27S-R18E	NW NW NE SW	Parker and Parsley Development L.P.
S1-T27S-R18E	NW SE NE	Willis Energy

**Affidavit of Notice Served**

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

Well Name: WILTSE, MARLENE M 1-1 Legal Location: SENW S1-T27S-R18E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 11<sup>th</sup> 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)
B & D OPERATING	102 N CENTRAL, CHANUTE, KS 66720
DAMSON OIL CORPORATION	9400 NORTH BROADWAY STE 640, OKLAHOMA CITY, OK 73114
LEEDY OIL PRODUCERS	214 N HIGHLAND, CHANUTE, KS 66720
MCCONATHY PRODUCTION CO INC	509 MARKET ST - 200 UNITED MERCANTILE BLDG, SHREVEPORT, LA 71101
PARKER AND PARSLEY DEVELOPMENT LP	14000 QUAIL SPGS PKWY STE 5000, OKLAHOMA CITY, OK 73134
WILLIS ENERGY	RR2 BOX 255, NEODESHA, KS 66757
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 11<sup>th</sup> day of SEPTEMBER, 2012

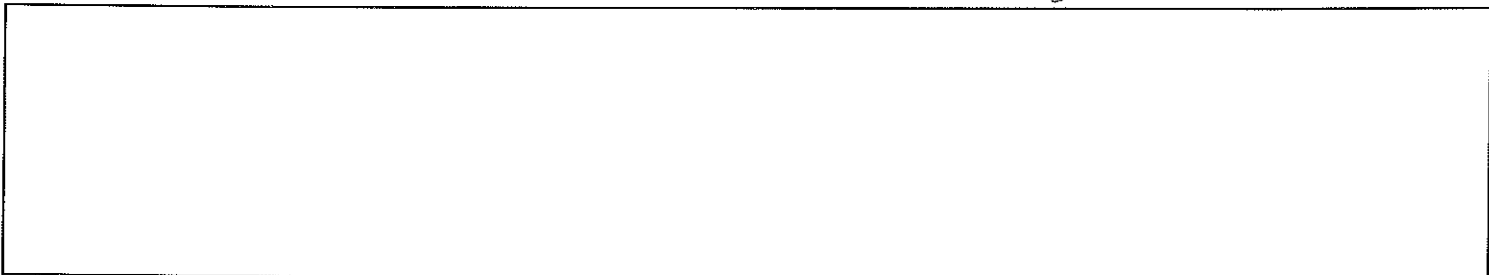
Jess L Morris  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 11<sup>th</sup> day of SEPTEMBER, 2012



Jennifer R Beal  
Notary Public

My Commission Expires: July 20, 2014





WILTSE, MARLENE M 1-1

1-27S-18E

Notes

Tract in NW4  
6.08 acres

Thomas L and Sandra J Barnes  
24760 Harper Rd  
Humboldt, KS 66748

N2 NE4

Lot 1 & 2 less tract  
81.49 acres

Robert W Frederick and Valerie Frederick  
8745 250th Rd  
Humboldt, KS 66748

N2S2NE4 & tract  
40.7 acres

Bert L Cole and Anna E Cole  
24645 Irving Rd  
Humboldt, KS 66748

S2S2NE4

David R Gormley  
24525 Irving Rd  
Humboldt, KS 66748

N2SE4  
80 acres

Jack G Braden and Charlene M Braden, Trustees  
24385 Irving Rd  
Humboldt, KS 66748

S2SE4 less tract

Phillips Living Trust  
315 N Garfield  
Chanute, KS 66720

SE4SW4

Cynthia Audiss  
8450 240th Rd  
Chanute, KS 66720

N2SW4

William Shane Wolverton and Lisa M Wolverton  
24130 Harper Road  
Humboldt, KS 66748

tract in N2SW4

Craig & Sheryl Bagshaw  
24700 Douglas Rd  
Chanute, KS 66720

NE4SW4  
less N 100 feet

Darrell E Wiltse  
24630 Harper Road  
Chanute, KS 66720

2-27S-18E

2 NE4 NE4 less tract  
(portion)

Mark A. Chapman  
PO Box 450  
Sealy, TX 77474

SE4NE4 & NE4SE4 less tracts

Raymond L & Mary C Hull  
% Charles A & Kathy Ross  
7775 250TH RD  
Humboldt, KS 66748

tract in NE4 SE4

Travis W. Barnett  
7980 243rd Rd  
Chanute, KS 66720

3-26S-18E

SW4

Dale E & Mary J Daniels  
1711 Connecticut  
Humboldt, KS 66748

NE/4

Harold Whitaker  
266 2000 St  
Humboldt, KS 66748

September 26, 2012

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

RE: Approved Commingling CO091205  
Wiltse, Marlene M. 1-1, Sec. 1-T27S-R18E, Neosho County  
API No. 15-133-27141-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on September 12, 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 CO091205 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