



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.

	A	B	C	D	E	F	G	H	I	J	K	
1	Produced Fluids #		1	2	3	4	5		Click here to run SSP Goal Seek SSP		Click	
2	Parameters	Units	Input	Input	Input	Input	Input					Click
3	Select the brines	Select fluid	<input 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.				
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	SiO ₂	(mg/l) SiO ₂						0.00	-3.47	-3.36	0.12	
24	HCO ₃ Alkalinity**	(mg/l as HCO ₃)	190.00	234.00	259.00	268.00	254.00	241.03	Celestite			
25	CO ₃ Alkalinity	(mg/l as CO ₃)										
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide			
27	Ammonia	(mg/L) NH ₃						0.00	-0.16	-0.22	-0.06	
28	Borate	(mg/L) H ₃ BO ₃						0.00	Zinc Sulfide			
29	TDS (Measured)	(mg/l)						72781				
30	Calc. Density (STP)	(g/ml)	1.038	1.051	1.050	1.048	1.045	1.047	Calcium fluoride			
31	CO ₂ Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16				
32	H ₂ S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate			
33	Total H ₂ Saq	(mgH ₂ S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23	
34	pH _i measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)			
		0-CO ₂ %+Alk, 1-pH+Alk, 2-CO ₂ %+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 ⁺ (Strong acid) [†]	(N)										
51	OH ⁻ (Strong base) [†]	(N)										
52	Quality Control Checks at STP:											
53	H ₂ S Gas	(%)										
54	Total H ₂ Saq (STP)	(mgH ₂ S/l)										
55	pH Calculated	(pH)										
56	PCO ₂ Calculated	(%)										
57	Alkalinity Cacluated	(mg/l) as HCO ₃										
58	ΣCations=	(equiv./l)										
59	ΣAnions=	(equiv./l)										
60	Calc TDS=	(mg/l)										
61	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)						
62	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value			
63	Have 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	bb(42 US gal)	629			
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074			
67	1 st inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194			
68	% of 1 st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193			
69	2 nd inhibitor # is:	2	#	8	HDTMP	Gal	10,000	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

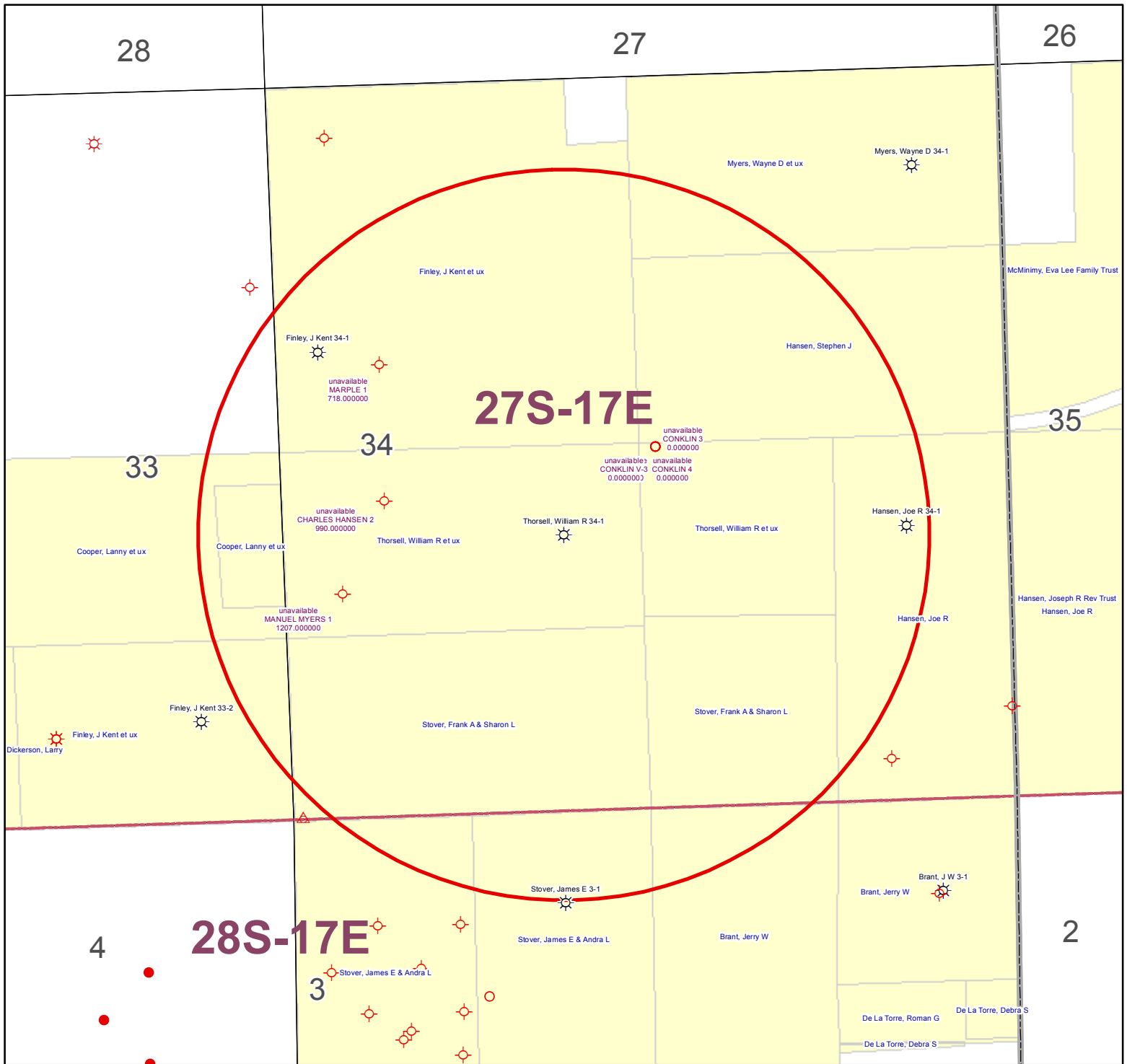
Component (mg/L)	Ratio					Mixed Brine
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	
Calcium	1836	2452	2044	1920	1948	1952
Magnesium	1096	872	1200	953	858	865
Barium	0	0	0	0	0	0
Strontium	0	0	0	0	0	0
Bicarbonate	190	234	259	268	254	253
Sulfate	1	1	8	1	1	1
Chloride	36299	48965	47874	45632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



KGS STATUS

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

Thorsell, William R 34-1
 34-27S-17E
 1" = 1,000'

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: 211 W. 14th Street
City/State/Zip: Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Jennifer R. Ammann
Phone: (620) 431-9500
Contractor: Name: Michael Drilling
License: 33783
Wellsite Geologist: Ken Recoy

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 16 2006
CONSERVATION DIVISION
WICHITA, KS

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>7/16/06</u>	<u>7/17/06</u>	<u>7/25/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26800-00-00
County: Wilson
w/2_e/2_ne_sw Sec. 34 Twp. 27 S. R. 17 East West
1980 feet from S / N (circle one) Line of Section
2120 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Thorsell, Williams R. Well #: 34-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 996 Kelly Bushing: n/a
Total Depth: 1212 Plug Back Total Depth: 1206.07
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1206.07
feet depth to surface w/ 125 sx cmt.

Drilling Fluid Management Plan
(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.: _____

AK2-Dlg-12/3/08

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: 11/15/06

Subscribed and sworn to before me this 15th day of November,
2006.

Notary Public: Debra Klauman
Date Commission Expires: 8-4-2010

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

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

Operator Name: Quest Cherokee, LLC Lease Name: Thorsell, Williams R. Well #: 34-1
 Sec. 34 Twp. 27 S. R. 17 East West County: Wilson

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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No Name Top Datum
 Cores Taken Yes No See attached
 Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron Log
 Dual Induction Log
 Gamma Ray CCL

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	20	20	"A"	4	
Production	6-3/4	4-1/2	10.5#	1206.07	"A"	125	

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	1113-1115	150gal 15%HCLw/ 250bbbs water w/ 2% KCL, Biocide, 3000# 20/40 sand	1113-1115
4	928-930/841-843/806-809	300gal 15%HCLw/ 650bbbs water w/ 2% KCL, Biocide, 10000# 20/40 sand	928-930/841-843 806-809
4	712-716/702-706	300gal 15%HCLw/ 550bbbs water w/ 2% KCL, Biocide, 13000# 20/40 sand	712-716/702-706

TUBING RECORD Size 2-3/8" Set At 1101.36 Packer At n/a Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. 10/30/06 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil n/a Bbbs. Gas 0mcf Mcf Water 0mcf Bbbs. 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)

QUEST

Resource Corporation

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

TICKET NUMBER 1652

FIELD TICKET REF # _____

FOREMAN Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-25-06	Thorsell William 34-1	34	27	77	WL

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe R	7:00	1:45		903427		6.75	Joe R
Tim A	6:30			903255		7.25	Tim A
MAURICK P	7:00			903206		6.75	Maurick P
DAVE E	9:30					4.25	Dave E
DAVID E	7:00			903140	932452	6.75	David E
TROY W	7:00			903106		6.75	Troy W
Russell A	7:00			extra		6.75	Russell A

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1212 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1206.07 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 19.23 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.6 bpm

REMARKS:

Run 2 sks gel swept to surface. Installed cement head RAN 1 SK gel + 12 bbl dye + 125 sks of cement to get dye to surface. Flush Pump. Pump wiper plug to bottom. Set float shoe

RECEIVED

KANSAS CORPORATION COMMISSION

NOV 16 2006

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
931310	3 hr	Casing tractor	
607253	3 hr	Casing trailer	
903427	6.75 hr	Foreman Pickup	
903255	7.25 hr	Cement Pump Truck	
903206	6.75 hr	Bulk Truck	
1104	120 sk	Portland Cement	
1124	2	50/50 POZ Blend Cement	
1126	1	OWC - Blend Cement	
1110	12 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	3 SK	Premium Gel	
1215A	1 gal	KGT	
1111B	2 SK	Sodium Silicate	
1123	7000 gal	City Water	
903140	6.75 hr	Transport Truck	
932420	6.75 hr	Transport Trailer	
903106	6.75 hr	80 Vac	
	1	4 1/2 Float shoe	

Michael Drilling, LLC
P.O. Box 402
Iola, KS 66749
620-365-2755

71706

Company: Quest Cherokee LLC
Address: 9520 North May Ave, Suite 300
Oklahoma City, Oklahoma 73120
Ordered By: Donnie Meyers

Date: 07/17/06
Lease: Thorsell, William R.
County: Wilson
Well#: 34-1
API#: 15-205-26800-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
0-20	Overburden	700-707	Black Shale
20-41	Wet Sand	707-714	Lime
41-134	Lime	710	Gas Test 10" at 1/2" Choke
134-170	Shale	714-715	Black Shale
170-300	Lime	715-716	Coal
300-308	Black Shale	716-736	Sandy Shale
308-311	Lime		Making Lots Of Water
311-340	Shale	736-755	Sand
340-408	Lime	755-770	Sandy Shale
408-420	Sandy Shale	770-788	Shale
420-431	Black Shale	788-789	Coal
431-459	Shale	789-840	Shale
459-480	Sandy Lime	840-843	Coal
480-574	Sandy Shale	843-860	Shale
574-580	Sand	860-885	Sand
580-612	Shale	885-895	Shale
612-615	Lime	895-897	Coal
615-618	Coal	897-915	Shale
618-647	Lime	915-935	Sand
647-650	Black Shale	935-945	Sandy Shale
650-683	Sandy Shale	945-958	Water and Sand
683-684	Coal	958-960	Coal
684-700	Lime	960-1098	Sand
695	Gas Test 10" at 1/2" Choke	1050	To Much Water For Gas Test

RECEIVED
 KANSAS CORPORATION COMMISSION
 NOV 16 2006
 CONSERVATION DIVISION
 WICHITA, KS

WELL : Thorsell, William R 34-1
FIELD : Cherokee Basin
STATE : Kansas
COUNTY : Wilson

SPUD DATE : 7-16-2006
COMP. Date : 7-25-2006
API: 15-205-26800-00-00

LOCATION: 34-27S-17E (NE,SW)
ELEVATION: 996'

8 5/8" 20 lb @ 20' Cement w/4 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"	20 lb			2006	20'
4 1/2"	10.5 lb		.0159	2006	1206'
2 3/8"				2006	1101'

Downhole Equipment Detail

--

Completion Data

Original as GAS Well per ACO-1
750 gals 15% HCL
1,450 bbls water
26,000 lbs 20/40 sand

Perforations

Original Completion: 4 spf
702-706 Summit (17)
712-716 Mulky (17)
806-809 Croweburg (13)
841-843 Fleming (9)
928-930 Weir (9)
1113-1115 Riverton (9)

2 3/8" tubing @ 1101'

PBTD @ 1206'

4.5" 10.5 lb @ 1206' Cement w/125 sks

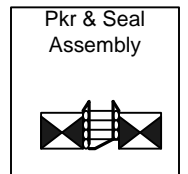
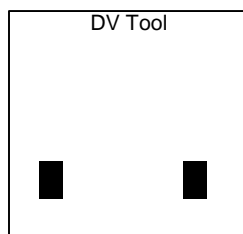
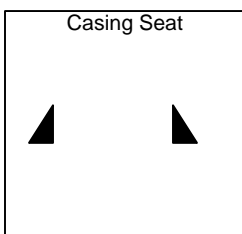
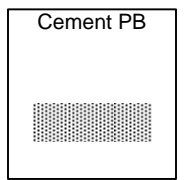
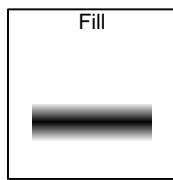
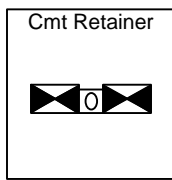
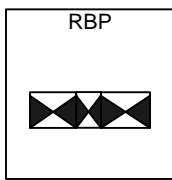
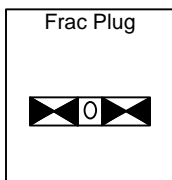
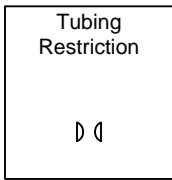
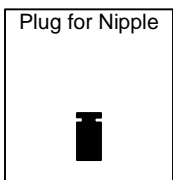
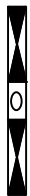
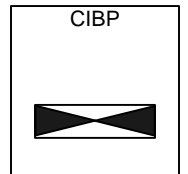
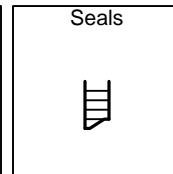
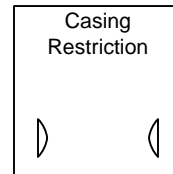
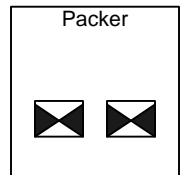
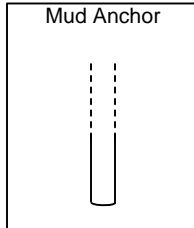
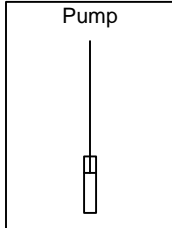
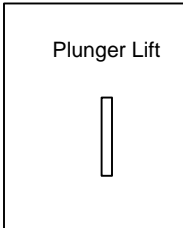
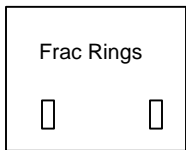
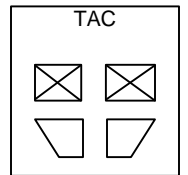
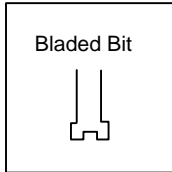
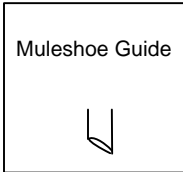
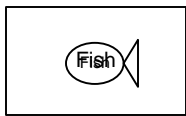
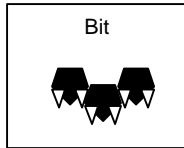
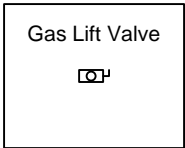
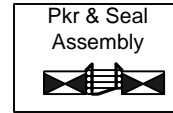
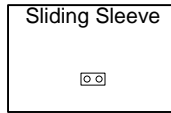
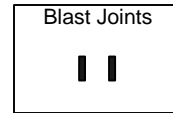
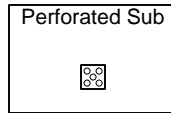
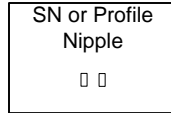
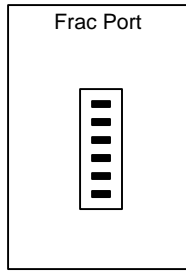
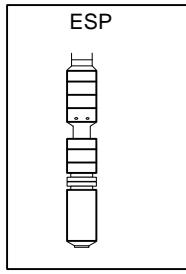
Drilled Depth @ 1212'

POSTROCK



LEGEND

PostRock®



AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeseth 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 17th of

January A.D. 2013, with

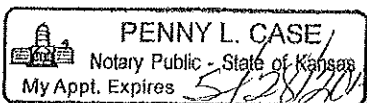
subsequent publications being made on the following dates:

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

17th day of January, 2013



Penny L Case
Notary Public Sedgwick County, Kansas

Printer's Fee : **\$132.40**

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
JANUARY 17, 2013 (3227046)
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 **Thorsell, William R 34-1** located in **Wilson 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, Felming, Weir, Riverton and Barlesville** production formations at the **Thorsell, William R 34-1**, located in the **W2 E2 NE SW, S34-T27S-R17E**, approximately 1992 FSL & 2028 FWL, **Wilson 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

PROOF OF PUBLICATION

STATE OF KANSAS
Wilson County - SS

JOSEPH S. and RITA M. RELPH, of lawful age, being duly sworn upon oath that they are the Owners and Publishers of the WILSON COUNTY CITIZEN:

THAT said newspaper has been published at least weekly fifty (50) times a year and has been so published for at least five years prior to the first publication of the attached notice:

THAT said newspaper is a general circulation on a daily, or weekly, or monthly, or yearly basis in;

WILSON COUNTY, KANSAS and is NOT a trade, religious or fraternal publication and has been PRINTED and PUBLISHED in Wilson County, Kansas.

THE ATTACHED was published on the following dates in a regular issue of said newspaper:

1st publication was made on the 21st day of

January 20 13

2nd publication was made on the day of

. 20

3rd publication was made on the day of

. 20

4th publication was made on the day of

. 20

5th publication was made on the day of

. 20

6th publication was made on the day of

. 20

TOTAL PUBLICATION FEE, \$ 37.73

(Signed) Joseph S. Relph

Subscribed and sworn to before me, this 22nd day of

January 20 13

Rita M. Relph (Notary Public)

My commission expires Aug-30, 2014

(Published in the Wilson County Citizen on Monday, January 21, 2013.)

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 Thorsell, William R 34-1 located in Wilson County, Kansas.

TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomsoever concerned.

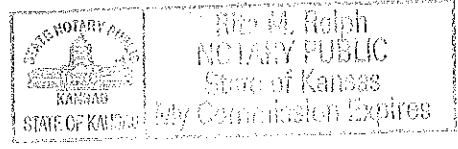
You, and each of you, are hereby notified that Postrock Midcontinent Production, LLC has filed an application to commingle the Summit, Mulky, Croweburg, Felming, Weir, Riverton and Bartlesville producing formations at the Thorsell, William R 34-1, located in the W2 E2 NE SW, S34-T27S-R17E, Approximately 1992 FSL & 2028 FWL, Wilson 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
(405) 660-7704
97.1 cpy.



[]

[]

Affidavit of Notice Served

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

Well Name: THORSELL, WILLIAM R 34-1 Legal Location: W2E2NESW S34-T27S-R17E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 8th of FEBRUARY, 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)

SEE ATTACHED

I further attest that notice of the filing of this application was published in the WILSON COUNTY CITIZEN, the official county publication of WILSON county. A copy of the affidavit of this publication is attached.

Signed this 8th day of FEBRUARY, 2013

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 8th day of FEBRUARY, 2013



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

[]

THORSELL, WILLIAM R 34-1

33-27S-17E

RR ROW

AT&SF Railway Co
PO Box 961089
Fort Worth, TX 76161

NE/4 less tract & less RR ROW

Joseph J & Karen Vardell &
Rozella M. Giddens Family Trust
& Conklin Family Rev. Trust
23707 2000 Rd
Chanute, KS 66720

THORSELL, WILLIAM R 34-1

33-27S-17E

RR ROW

AT&SF Railway Co
PO Box 961089
Fort Worth, TX 76161

NE/4 less tract & less RR ROW

Joseph J & Karen Varndell &
Rozella M. Giddens Family Trust
& Conklin Family Rev. Trust
23707 2000 Rd
Chanute, KS 66720

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



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

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

Sam Brownback, Governor

February 25, 2013

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

RE: Approved Commingling CO021306
Thorsell, William R. 34-1, Sec. 34-T27S-R17E, Wilson County
API No. 15-205-26800-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on February 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 Riverton formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

File form ACO-1 upon re-completion of the well to commingle.

Commingling ID number CO021306 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