



KANSAS CORPORATION COMMISSION 1097413
 OIL & GAS CONSERVATION DIVISION

Form ACO-4
 Form must be typed
 March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* **CO111202**
 PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

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 - 15-133-26673-00-00
 Spot Description: _____
NE SW NE NW Sec. 1 Twp. 28 S. R. 17 East West
670 Feet from North / South Line of Section
1976 Feet from East / West Line of Section
 County: Neosho
 Lease Name: MCMILLEN BILLY D Well #: 1-1

1. Name and upper and lower limit of each production interval to be commingled:
- | | |
|-----------------------------|-------------------------|
| Formation: <u>SUMMIT</u> | (Perfs): <u>653-657</u> |
| Formation: <u>MULKY</u> | (Perfs): <u>663-667</u> |
| Formation: <u>CROWEBURG</u> | (Perfs): <u>759-762</u> |
| Formation: <u>FLEMING</u> | (Perfs): <u>784-786</u> |
| Formation: <u>FLEMING</u> | (Perfs): <u>811-813</u> |

2. Estimated amount of fluid production to be commingled from each interval:
- | | | | |
|-----------------------------|----------------|-------------------|-------------------|
| Formation: <u>SUMMIT</u> | BOPD: <u>0</u> | MCFPD: <u>.33</u> | BWPD: <u>6.67</u> |
| Formation: <u>MULKY</u> | BOPD: <u>0</u> | MCFPD: <u>.33</u> | BWPD: <u>6.67</u> |
| Formation: <u>CROWEBURG</u> | BOPD: <u>0</u> | MCFPD: <u>.33</u> | BWPD: <u>6.67</u> |
| Formation: <u>FLEMING</u> | BOPD: <u>0</u> | MCFPD: <u>.33</u> | BWPD: <u>6.67</u> |
| Formation: <u>FLEMING</u> | BOPD: <u>0</u> | MCFPD: <u>.33</u> | BWPD: <u>6.67</u> |

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.
4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

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

For Commingling of FLUIDS ONLY, include the following:

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

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

Submitted Electronically

KCC Office Use Only

Denied Approved

15-Day Periods Ends: 11/11/2012

Approved By: Rick Hestermann Date: 11/13/2012

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

	A	B	C	D	E	F	G	H	I	J	K	
1	Produced Fluids #		I	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 by checking the box(es),	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mixed brine:				Click
4	Sample ID	Row 3						Cell H28 is				Click
5	Date	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012		STP calc. pH.				Click
6	Operator	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				Click
9	Field	CBM	CBM	Bartles	Bartles	Bartles		calculations.				Click
10	Na ⁺	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654.20	Initial(BH)	Final(WH)	S/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, 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-CO ₂ %+Alk, 1-pH+Alk, 2-CO ₂ %+pH	0	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/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	NIEG/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	P _{CO2} Calculated	(%)										
57	Alkalinity Calculated	(mg/l) as HCO ₃										
58	ECations=	(equiv./l)										
59	EAnions=	(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 ScaleSoftMeter			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					
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	Mixed Brine
Calcium	1836	2452	2044	1920	1948	1952
Magnesium	1096	872	1200	953	858	865
Barium	0	0	0	0	0	0
Strontium	0	0	0	0	0	0
Bicarbonate	190	234	259	268	254	253
Sulfate	1	1	8	1	1	1
Chloride	36299	48965	47874	45632	43147	43206
CO ₂ in Brine	246	220	264	422	405	401
Ionic Strength	1.12	1.48	1.46	1.38	1.31	1.31
Temperature (°F)	89	89	89	89	89	89
Pressure (psia)	50	50	120	120	120	119

Saturation Index

Calcite	-1.71	-1.41	-1.48	-1.68	-1.69	-1.69
Gypsum	-3.71	-3.64	-2.82	-3.73	-3.72	-3.69
Hemihydrate	-3.70	-3.65	-2.83	-3.74	-3.71	-3.69
Anhydrite	-3.89	-3.79	-2.97	-3.89	-3.88	-3.85
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A

PTB

Calcite	N/A	N/A	N/A	N/A	N/A	N/A
Gypsum	N/A	N/A	N/A	N/A	N/A	N/A
Hemihydrate	N/A	N/A	N/A	N/A	N/A	N/A
Anhydrite	N/A	N/A	N/A	N/A	N/A	N/A
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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 Dilling
 License: 33783
 Wellsite Geologist: Ken Re coy
 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. _____

8/10/06	8/11/06	8/21/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26673-00-00
 County: Neosho
 _____ na _____ nw Sec. 1 Twp. 28 S. R. 17 East West
660 feet from S (circle one) Line of Section
1980 feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: McMillen, Billy D. Well #: 1-1
 Field Name: Cherokee Basin CBM
 Producing Formation: Multiple
 Elevation: Ground: 976 Kelly Bushing: n/a
 Total Depth: 1162 Plug Back Total Depth: 1158.44
 Amount of Surface Pipe Set and Cemented at 23 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1158.44
 feet depth to surface w/ 180 sx cmL

Drilling Fluid Management Plan Alt II KGR 10/29/07
 (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: 12/12/06
 Subscribed and sworn to before me this 12th day of December
20 06.
 Notary Public: Nexia Klau man
 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



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 KANSAS CORPORATION COMMISSION
 DEC 13 2006
 CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: McMillen, Billy D. Well #: 1-1
 Sec. 1 Twp. 28 S. R. 17 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density Neutron Log Gamma Ray Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
--	--

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	23	"A"	4	
Production	6-3/4	4-1/2	10.5	1158.44	"A"	180	

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	849-851/784-786/811-813/759-762	400gal 15% HCl of 28 bbls 2% acid water, 497 bbls water w/ 2% KCL, Blockade, 13300# 30/70 sand	849-851/784-786 811-813/759-762
4	663-667/653-657	300gal 15% HCl of 40 bbls 2% acid water, 594 bbls water w/ 2% KCL, Blockade, 13400# 30/70 sand	663-667/653-657

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>841.13</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>10/30/06</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>0mcf</u>	Water Bbls. <u>15.1bbls</u>	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 _____

Michael Drilling, LLC

81106

**P.O. Box 402
Iola, KS 66749
620-365-2755**

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

Date: 08/11/06
Lease: McMillen, Billy D.
County: Neosho
Well#: 1-1
API#: 15-133-26673-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
0-20	Overburden	565-568	Coal
20-108	Sandy Shale	568-598	Lime
108-123	Lime	598-601	Black Shale
123-131	Shale	601-635	Sandy Shale
131-222	Lime	635-636	Coal
222-235	Shale	636-656	Lime
235-251	Lime	648	Gas Test 54" @1/4" Choke
251-255	Black Shale	656-660	Black Shale
255-270	Lime	660-666	Lime
270-287	Sand	661	Gas Test 54" @1/4" Choke
287-295	Lime	666-668	Black Shale
295-302	Shale	668-669	Coal
302-350	Lime	669-680	Sand
350-380	Sandy Shale	680-711	Shale
380-408	Shale	686	Gas Test 17" @1/2" Choke
408-418	Sand	711-740	Shale
418-440	Sandy Shale	740-742	Coal
440-449	Lime	742-758	Shale
449-471	Shale	758-759	Lime
471-481	Lime	759-760	Coal
481-490	Shale	760-788	Shale
490-496	Sand	788-790	Coal
496-561	Sandy Shale	790-798	Shale
561-565	Lime	798-799	Coal

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DEC 13 2006
CONSERVATION DIVISION
WICHITA, KS

Michael Drilling, LLC

81106

**P.O. Box 402
Iola, KS 66749
620-365-2755**

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

Date: 08/11/06
Lease: McMillen, Billy D.
County: Neosho
Well#: 1-1
API#: 15-133-26673-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
799-822	Shale		
822-823	Coal		
823-851	Shale		
851-853	Coal		
853-876	Shale		
876-878	Coal		
878-915	Shale		
915-921	Sand		
921-928	Shale		
928-982	Sand		
982-984	Coal		
984-1070	Sand		
1070-1073	Coal		
1073-1079	Shale		
1075	Gas Test 3" at 1-1/2" Choke		
1079-1162	Mississippi Lime		
1087	Gas Test 3" at 1-1/2" Choke		
1162	Gas Test 3" at 1-1/2" Choke		
1162	TD		
	Surface 23'		

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KANSAS CORPORATION COMMISSION
DEC 13 2005
CONSERVATION DIVISION
WICHITA, KS

QUEST

Resource Corporation

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

TICKET NUMBER 1758

FIELD TICKET REF. #

FOREMAN Joe/Craig

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-21-06	McMillen Billy 1-1	1	28	17	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	6:45					4.5	<i>Joe B</i>
Craig G	7:00	11:15		903427		4.25	<i>Craig G</i>
Wes T	7:00			903197		4.25	<i>Wes T</i>
MARK RICK D	7:00			903230		4.25	<i>Mark Rick D</i>
MARK B	7:00						
DAVID C	7:15			931415		4	<i>David C</i>
TRUY W	6:30			931615		4.75	<i>Truy W</i>
Russell A	7:00			extra		4.25	<i>Russell A</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1162 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1158.44 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 18.47 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:
Run 2 sks gel sweep to surface. Installed cement hose. Run 1 sk gel + 12 lb hydrate + 180 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom of set float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1158.44	Ft 4 1/2 Casing	
	6	Centralizers	
931300	2.5 hr	Casing tractor	
607240	2.5 hr	Casing	
903427	4.5 hr	Foreman Pickup	
903197	4.25 hr	Cement Pump Truck	
903230	4.25 hr	Bulk Truck	
1104	170 SK	Portland Cement	
1124	1	50/50 POZ Blend Cement. Baffle 3 1/2"	
1126	1	QWC Blend Cement 4 1/2 Wiper plug	
1110	18 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	3 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate cal chloride	
1123	7000 gal	City Water	
931415	4 hr	Transport truck 80 VOC	
		Transport Trailer	
903615	4.75 hr	80 Vac	

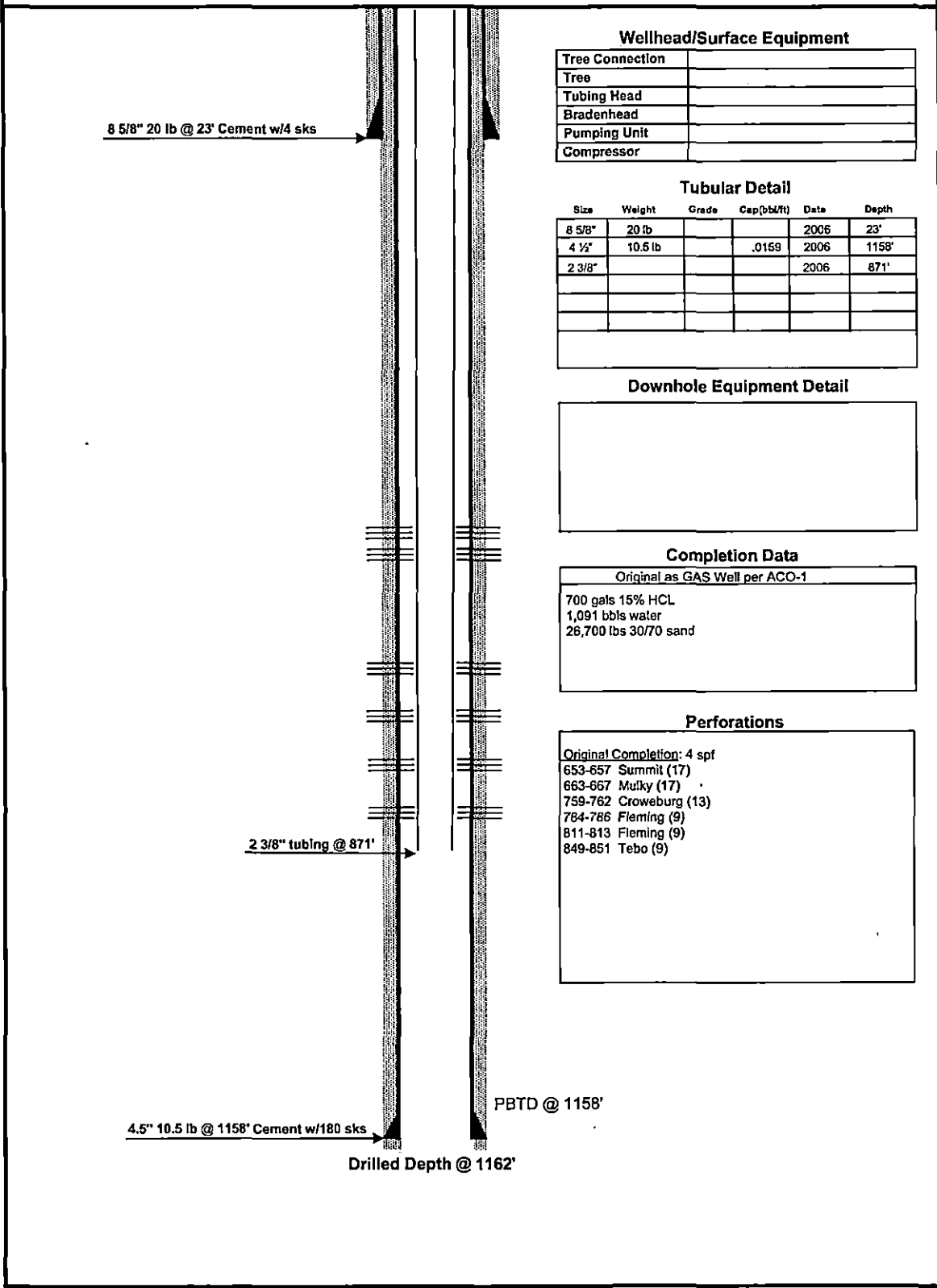
RECEIVED
KANSAS CORPORATION COMMISSION

DEC 13 2006

CONSERVATION DIVISION

WELL : McMillen, Billy D 1-1	SPUD DATE : 8/10/2006
FIELD : Cherokee Basin	COMP. Date : 8/21/2006
STATE : Kansas	API : 15-133-26673-00-00
COUNTY : Neosho	

LOCATION: 1-28S-17E (NE,NW)
ELEVATION: 976'



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	23'
4 1/2"	10.5 lb		.0159	2006	1158'
2 3/8"				2006	871'

Downhole Equipment Detail

Completion Data

Original as GAS Well per ACO-1
700 gals 15% HCL
1,091 bbls water
26,700 lbs 30/70 sand

Perforations

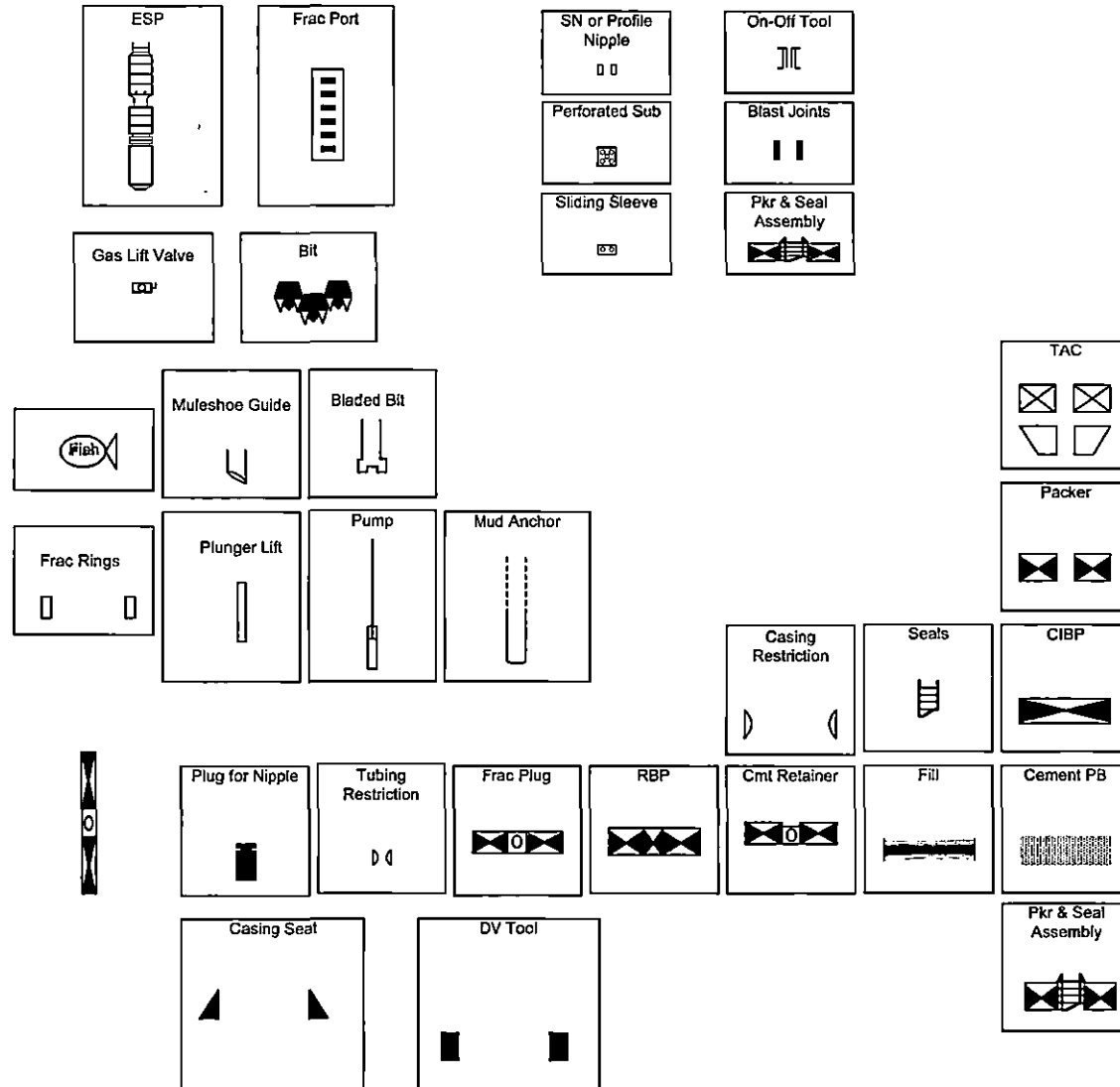
Original Completion: 4 spt
653-657 Summit (17)
663-667 Mulky (17)
759-762 Croweburg (13)
784-786 Fleming (9)
811-813 Fleming (9)
849-851 Tebo (9)

POSTROCK



LEGEND

PostRock®



Affidavit of Notice Served

Re: Application for: APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS ACO-4
Well Name: MCMILLEN, BILLY D 1-1 Legal Location: NESWENW S1-T28S-R17E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 26th of OCTOBER, 2012, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

Name	Address (Attach additional sheets if necessary)
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.

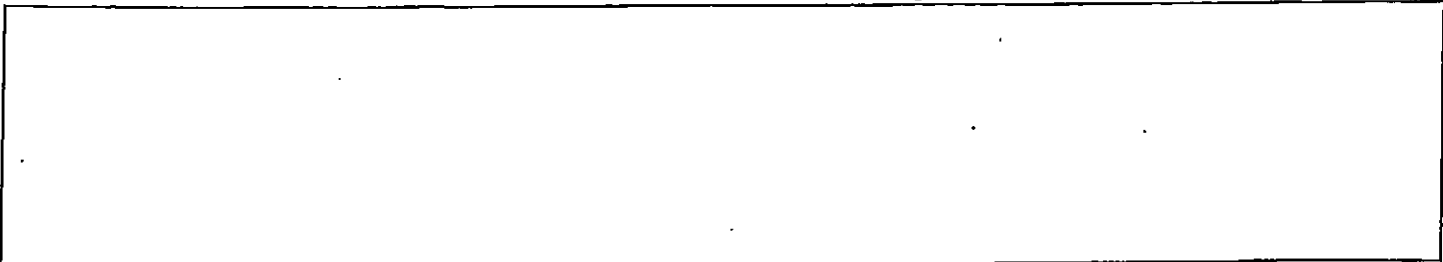
Signed this 26th day of OCTOBER, 2012

[Signature]
Applicant or Duty Authorized Agent

Subscribed and sworn to before me this 26th day of OCTOBER, 2012



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



MCMILLEN, BILLY D 1-1

1-28S-17E

tract in NE/4 Derek Waggoner
3651 Country Club Rd
Chanute, KS 66720

N2NE/4 less tract Ruthanne Waggoner
2615 190th Rd
Chanute, KS 66720

tract in NW/4 Robert McMillen
2375 190th Rd
Chanute, KS 66720

tract in NW/4 NW/4 Union Valley Cemetary
Chanute, KS 66720

2-28S-17E

NE4 Legacy Farms LLC ½ minerals
PO Box 5
Chanute, KS 66720

Kepley Enterprises LLC ½ minerals term
3035 160th Rd
Chanute, KS 66720

35-27S-17E

tract in SE4 William A. & Deborah Ellis
19135 Brown Rd
Chanute, KS 66720

tract in SE4 Galen E Thorsell Rev Trust
1305 W 4th St
Chanute, KS 66720

36-27S-17E

tract in SW4 Douglas & Jennifer Dietsch
19220 Brown Rd
Chanute, KS 66720

MCMILLEN, BILLY D 1-1

1-28S-17E

tract in NE/4 Derek Waggoner
3651 Country Club Rd
Chanute, KS 66720

N2NE/4 less tract Ruthanne Waggoner
2615 190th Rd
Chanute, KS 66720

tract in NW/4 Robert McMillen
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36-27S-17E

tract in SW4 Douglas & Jennifer Dietsch
19220 Brown Rd
Chanute, KS 66720

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 27th of

October A.D. 2012, with

subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Mark Fletchall

Subscribed and sworn to before me this

29th day of October, 2012

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 5/28/2014

Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$137.20

LEGAL PUBLICATION
Published in The Wichita Eagle
October 27, 2012 (3214835)
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
McMillen, Billy D-1-1 located in Neosho
County, Kansas.
TO: All Oil & Gas Producers, Unleased
Mineral Interest Owners, Landowners, and
all persons whom ever concerned.
You, and each of you, are hereby notified
that Postrock Midcontinent Production,
LLC has filed an application to commingle
the Summit, Mulky, Crowburg, Fleming,
Tobo and Bartlesville producing formations
of the McMillen, Billy D-1-1, located in
the NE SW NE NW SE T28S-R17E,
Approximately 670 FNL & 1776 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

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 **McMillen, Billy
D 1-1** located in Neosho County,
Kansas.

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

You, and each of you, are hereby
notified that **Postrock Midconti-
nent Production, LLC** has filed
an application to commingle the
**Summit, Mulky, Croweburg,
Fleming, Tebo and Bartlesville**
producing formations at the
McMillen, Billy D 1-1, located in
the **NE SW NE NW,
S1-T28S-R17E, Approximately
670 FNL & 1976 FWL**, Neosho
County, Kansas.

Any persons who object to or pro-
test this application shall be re-
quired to file their objections or
protest with the Conservation Divi-
sion of the State Corporation
Commission of the State of Kan-
sas 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 grant-
ing the application may cause
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selves accordingly. All person
and/or companies wishing to pro-
test this application are required to
file a written protest with the Con-
servation Division of the Kansas
Oil and Gas Commission.

Upon the receipt of any protest,
the Commission will convene a
hearing and protestants will be ex-
pected to enter an appearance ei-
ther 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 ACCOM-
PANY 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 unin-
terruptedly 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 newspa-
per for 1 consecutive time, the first publication
thereof being made as aforesaid on the 20 day of
October
2012, with subsequent publications being made on the fol-
lowing dates:

_____, 2012 _____, 2012

_____, 2012 _____, 2012

Rhonda Howerter

Subscribed and sworn to and before me this
day of October, 2012

[Signature]
Notary Public

My commission expires: January 9, 2015

Printer's Fee \$ 70.14

Affidavit, Notary's Fee \$ 3.00

Additional Copies \$ _____

Total Publication Fees \$ 73.14

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

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

November 13, 2012

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

RE: Approved Commingling CO111202
McMillen, Billy D. 1-1, Sec. 1-T28S-R17E, Neosho County
API No. 15-133-26673-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on November 2, 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 CO111202 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