



KANSAS CORPORATION COMMISSION 1084492
 OIL & GAS CONSERVATION DIVISION

Form ACO-4
 Form must be typed
 March 2009

APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a) Commingling ID # **CO061201**

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) 4324200

API No. 15 - 15-133-27332-00-01
 Spot Description: _____
W2 E2 NE SW Sec. 18 Twp. 29 S. R. 18 East West
1980 Feet from North / South Line of Section
2080 Feet from East / West Line of Section
 County: Neosho
 Lease Name: DAVIDSON, CHARLES Well #: 18-1A

1. Name and upper and lower limit of each production interval to be commingled:
- | | |
|------------------------------|---------------------------|
| Formation: <u>RIVERTON</u> | (Perfs): <u>1093-1096</u> |
| Formation: <u>NEUTRAL</u> | (Perfs): <u>1039-1041</u> |
| Formation: <u>ROWE</u> | (Perfs): <u>1034-1036</u> |
| Formation: <u>BLUEJACKET</u> | (Perfs): <u>946-948</u> |
| Formation: <u>TEBO</u> | (Perfs): <u>891-893</u> |

2. Estimated amount of fluid production to be commingled from each interval:
- | | | | |
|------------------------------|----------------|-------------------|----------------|
| Formation: <u>RIVERTON</u> | BOPD: <u>0</u> | MCFPD: <u>2.7</u> | BWPD: <u>4</u> |
| Formation: <u>NEUTRAL</u> | BOPD: <u>0</u> | MCFPD: <u>2.7</u> | BWPD: <u>4</u> |
| Formation: <u>ROWE</u> | BOPD: <u>0</u> | MCFPD: <u>2.7</u> | BWPD: <u>4</u> |
| Formation: <u>BLUEJACKET</u> | BOPD: <u>0</u> | MCFPD: <u>2.7</u> | BWPD: <u>4</u> |
| Formation: <u>TEBO</u> | BOPD: <u>0</u> | MCFPD: <u>2.7</u> | BWPD: <u>4</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	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>6/28/2012</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>06/28/2012</u>

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.



KANSAS CORPORATION COMMISSION 1083364
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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) 4324200

CONTRACTOR: License # 34453

Name: PostRock Energy Services Corporation

Wellsite Geologist: N/A

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: POSTROCK

Well Name: DAVIDSON, CHARLES 18-1A

Original Comp. Date: 4/12/2008 Original Total Depth: 1215

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

3/26/2012 _____ 3/26/2012

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date Recompletion Date

API No. 15 - 15-133-27332-00-00

Spot Description: _____

W2_E2_NE_SW Sec. 18 Twp. 29 S. R. 18 East West

1980 Feet from North / South Line of Section

2080 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Neosho

Lease Name: DAVIDSON, CHARLES Well #: 18-1A

Field Name: _____

Producing Formation: RIVERTON, NEUTRAL, ROWE, BLUEJACKET, TEBO, FLEMING, CROWBURG, BEVIER, MULKY, :

Elevation: Ground: 1004 Kelly Bushing: 0

Total Depth: 1215 Plug Back Total Depth: 1207

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: _____

feet depth to: _____ w/ _____ 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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 06/05/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 06/06/2012



1083364

Operator Name: PostRock Midcontinent Production LLC Lease Name: DAVIDSON, CHARLES Well #: 18-1A
 Sec. 18 Twp. 29 S. R. 18 East West County: Neosho

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete 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 checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum N/A
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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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
	1018-1024	200 GAL 15% ACID/ 210 DBLS SLICK WATER/ 400# FRAC GEL/ 10000# 20/40 SAND/ 2300# 12/20 SAND	1018-1024
	677-681/666-670	400 GAL 15% ACID/ 642 SLICK WATER/ 66000# 20/40 SAND	677-681/666-670

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 4/13/2012			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 05, 2012

CLARK EDWARDS
PostRock Midcontinent Production LLC
Oklahoma Tower
210 Park Ave, Ste 2750
OKLAHOMA CITY, OK 73102

Re: ACO1

API 15-133-27332-00-00
DAVIDSON, CHARLES 18-1A
SW/4 Sec.18-29S-18E
Neosho County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
CLARK EDWARDS

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

FORMATION:	<u>FLEMING</u>	(PERFS):	<u>819 - 821</u>
FORMATION:	<u>CROWEBURG</u>	(PERFS):	<u>781 - 784</u>
FORMATION:	<u>BEVIER</u>	(PERFS):	<u>758 - 761</u>
FORMATION:	<u>MULKY</u>	(PERFS):	<u>677 - 681</u>
FORMATION:	<u>SUMMIT</u>	(PERFS):	<u>666 - 670</u>
FORMATION:	<u>BARTLESVILLE</u>	(PERFS):	<u>1018 - 1024</u>

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

FORMATION:	<u>FLEMING</u>	BOPD:	<u>0</u>	MCFPD:	<u>2.7</u>	BWPD:	<u>4</u>
FORMATION:	<u>CROWEBURG</u>	BOPD:	<u>0</u>	MCFPD:	<u>2.7</u>	BWPD:	<u>4</u>
FORMATION:	<u>BEVIER</u>	BOPD:	<u>0</u>	MCFPD:	<u>2.7</u>	BWPD:	<u>4</u>
FORMATION:	<u>MULKY</u>	BOPD:	<u>0</u>	MCFPD:	<u>2.7</u>	BWPD:	<u>4</u>
FORMATION:	<u>SUMMIT</u>	BOPD:	<u>0</u>	MCFPD:	<u>2.7</u>	BWPD:	<u>4</u>
FORMATION:	<u>BARTLESVILLE</u>	BOPD:	<u>3</u>	MCFPD:	<u>0</u>	BWPD:	<u>20</u>

	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			
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							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	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				Click
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)	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	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP		
49	Conc. Multiplier								0.00	0.00		
50	H ⁺ (Strong acid) ¹	(N)										
51	OH ⁻ (Strong base) ¹	(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 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)			Value			
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

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 Davidson, Charles A 18-1A 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 River-ton, Neutral, Rowe, Bartlesville, Bluejacket, Tebo, Fleming, Croweburg, Bevier and Mulky/Summit producing formations at the Davidson, Charles A 18-1A, located in the NE SW, S18-T28S-R18E, Approximately 1880 FSL & 2080 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

Affidavit of Publication

STATE OF KANSAS, NEOSHO COUNTY, ss:

Rhonda Howerter, being first duly sworn, deposes and says: That she is *Classified Manager* of *THE CHANUTE TRIBUNE*, a daily newspaper printed in the State of Kansas, and published in and of general circulation in Neosho County, Kansas, with a general paid circulation on a daily basis in Neosho County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a daily published at least weekly 50 times a year: has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the post office of Chanute, in said county as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for 1 consecutive time, the first publication thereof being made as aforesaid on the 26 day of May 2012, with subsequent publications being made on the following dates:

_____, 2012 _____, 2012
_____, 2012 _____, 2012

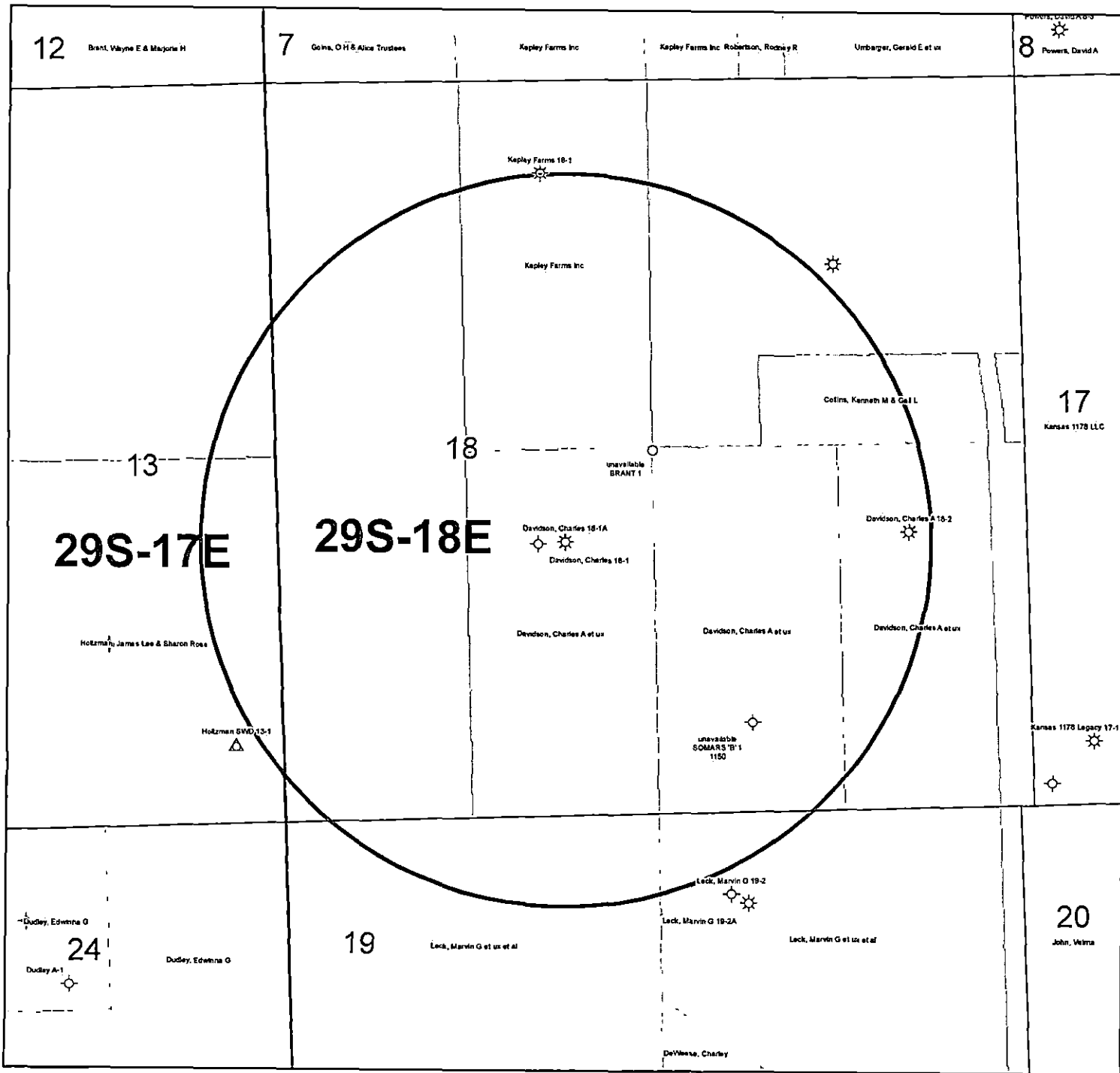
Rhonda Howerter

Subscribed and sworn to and before me this
1 day of June, 2012

[Signature]
Notary Public

My commission expires: January 9, 2015
Printer's Fee \$ 65.14
Affidavit, Notary's Fee \$ 3.00
Additional Copies \$ _____
Total Publication Fees \$ 108.14

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



KGS STATUS

◇	DA/PA
⊕	EOR
☼	GAS
△	INJ/SWD
●	OIL
☼	OIL/GAS
○	OTHER

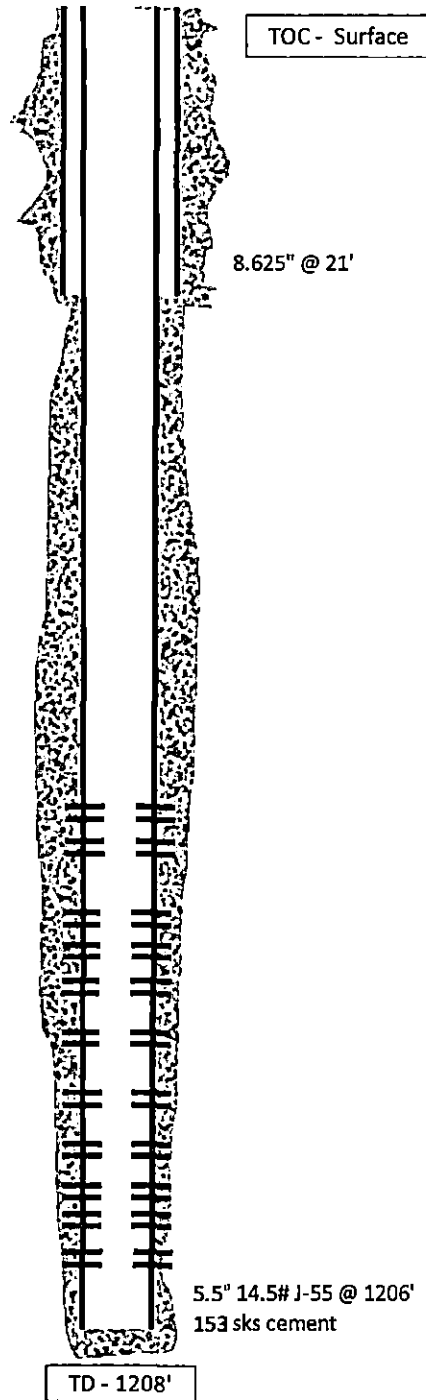
Davidson, Charles 18-1A
 18-29S-18E
 1" = 1,000'



Wellbore Schematic

WELL: Davidson, Charles A 18-1A
SSI: 625480
API: 15-133-27332
LOCATION: NE SW Sec. 18 29S-18E
COUNTY: Neosho
STATE: Kansas

Casing	8.625" @ 21' 5.5" 14.5# J-55, 4.95 ID w/ 0.0238 bbl/ft capacity @ 1206'
Perforations	Original Perfs: 5/27/08 - Summit 666-670' (17) - Mulky 677-681' (17) - Bevier 758-761' (13) - Croweburg 781-784' (13) - Fleming 819-821' (9) - Tebo 891-893' (9) - Bluejacket 946-948' (9) - Rowe 1034-1036' (9) - Neutral 1039-1041' (9) - Riverton 1093-1096 (13) Oil Perfs: 3/26/12 - Bartlesville 1018-1024' (18)
Completions	Spud Date: 4/1/08 RNV Completion: 5/27/08 - 500 gals 15% HCl - 12 BPM - 7,900# 20/40 - 663 bbls fluid FTBj Completion: 5/27/08 - 400 gals 15% HCl - 12 BPM - 4,000# 20/40 - 364 bbls fluid BCFTBj Completion: 5/27/08 - 400 gals 15% HCl - 14 BPM - 3,000# 20/40 - 398 bbls fluid SM Completion: 5/27/08 - 400 gals 15% HCl - 14 BPM - 6,600# 20/40 - 642 bbls fluid Bv Recomplete: 3/26/12 - 200 gal 12% HCl - 18.3 BPM - 10,000# 20/40, 2,300# 12/20 - 218 bbls fluid



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 1st of

June A.D. 2012, with

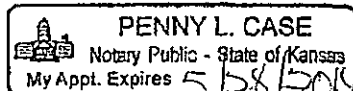
subsequent publications being made on the following dates:

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

1st day of June, 2012



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$134.80

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
JUNE 1, 2012 (3187781)
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
Commencing of Production in the
Davidson, Charles A 18-1A 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 Riverton, Neutral, Rowe,
Bartlesville, Bluejacket, Tabo, Fleming,
Croweburg, Beaver, and Mulky/Summit
producing formations at the Davidson,
Charles A 18-1A, located in the NE SW,
S18-T29S-R18E, Approximately 1980 FSL
& 2080 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

Affidavit of Notice Served

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

Well Name: DAVIDSON, CHARLES 18-1A Legal Location: NESW S18-T29S-R18E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 13TH of JUNE, 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.

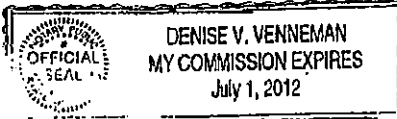
Name	Address (Attach additional sheets if necessary)
POSTROCK MIDCONTINENT PRODUCTION, LLC	210 PARK AVENUE, SUITE 2750, OKLAHOMA CITY, OK 73102-5641
Wayne E. Brant & Marjorie H. Brant	2840 HIGHWAY 47, THAYER, KS 66776
Jerry W. Brant & Sherrie E. Brant	4070 120TH ROAD, THAYER, KS 66776
Jean M. Cooper, Trustee of the James F. Cooper Rev. Trust Dtd. 9/12/97	221 E 9TH ST, CHANUTE, KS 66720
Gerald L. Turner and Jacqueline A. Turner, as Co-Trustees of the Turner Rev Trust (1/2)	3808 EDGESTONE DRIVE, PLANO, TX 75093
The Union Central Life Insurance Company (1/2)	PO BOX 40888, CINCINNATI, OH 45240

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

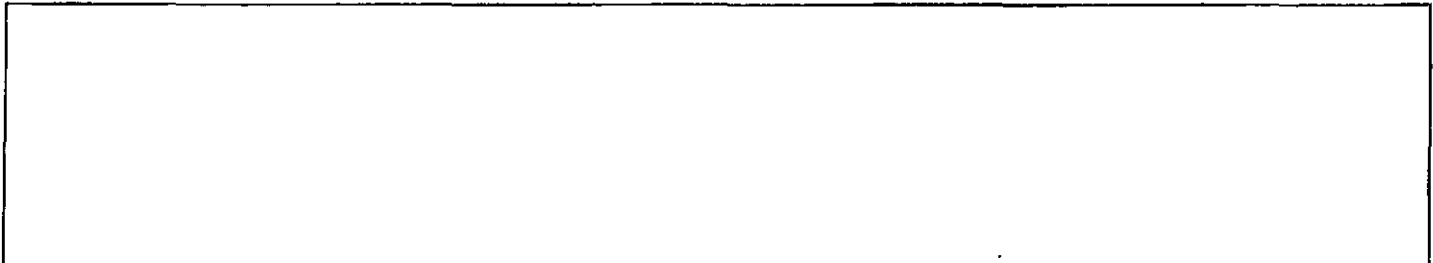
Signed this 13TH day of JUNE, 2012

Amber D Beal
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 13TH day of JUNE, 2012



Denise V Venneman
Notary Public
My Commission Expires: 7-1-12



DAVIDSON, CHARLES 18-1A - APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

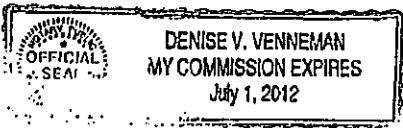
Offset Operators, Unleased Mineral Owners and Landowners acreage
(Attach additional sheets if necessary)

Name:	Legal Description of Leasehold:
Wayne E. Brant & Marjorie H. Brant	SEE ATTACHED
Jerry W. Brant & Sherrie E. Brant	SEE ATTACHED
Jean M. Cooper, Trustee of the James F. Cooper Rev. Trust	SEE ATTACHED
Gerald L. Turner and Jacqueline A. Turner, as Co-Trustees	SEE ATTACHED
The Union Central Life Insurance Company (1/2)	SEE ATTACHED

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

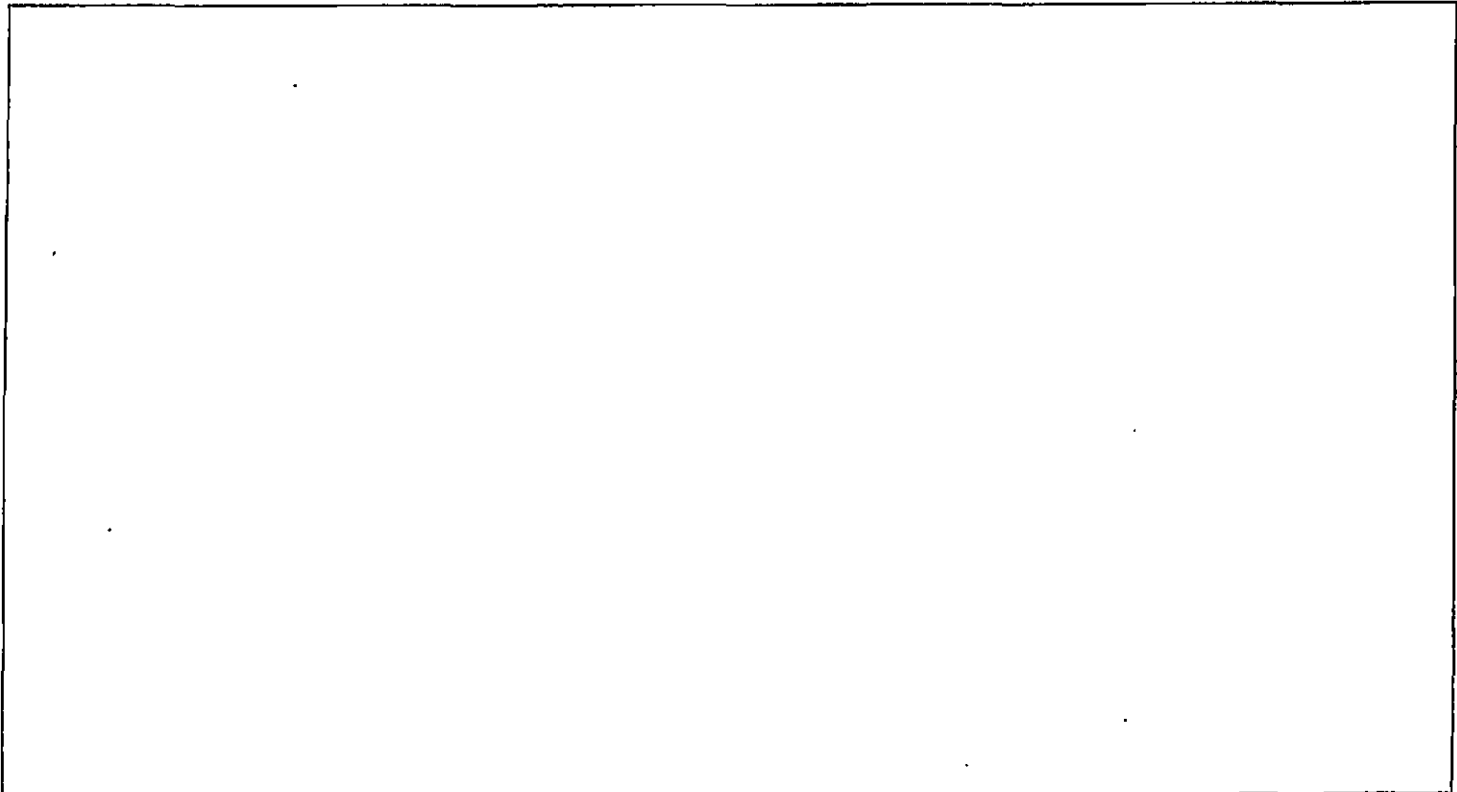
George B. Beal
Applicant or duly Authorized Agent

Subscribed and sworn before me this 13TH day of JUNE, 2012



Denise V. Venneman
Notary Public

My Commission Expires: 7-1-12



**DAVIDSON, CHARLES 18-1A - APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS
OFFSET OPERATORS, UNLEASED MINERAL OWNERS & LAND OWNERS ACREAGE**

18-29S-18E W2SW4 Portion
Wayne E. Brant & Marjorie H. Brant
2840 Highway 47
Thayer, KS 66776

18-29S-18E W2NW4 Portion
Jerry W. Brant & Sherrie E. Brant
4070 120th Rd
Thayer, KS 66776

18-29S-18E NE4 Portion
Jean M. Cooper, Trustee of the James F. Cooper Rev. Trust Dtd. 9/12/97
221 E 9th St
Chanute, KS 66720

13-29S-17E NE4 Portion
Gerald L. Turner and Jacqueline A. Turner, as Co-Trustees of the Turner Rev Trust (1/2)
3808 Edgestone Drive
Plano, TX 75093

The Union Central Life Insurance Company (1/2)
PO BOX 40888
Cincinnati, OH 45240

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 28, 2012

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

RE: Approved Commingling CO061201
Davidson, Charles 18-1A, Sec.18-T29S-R18E, Neosho County
API No. 15-133-27332-00-01

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well 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. This application, which was received by the KCC on June 14, 2012, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Riverton	0	2.7	4	1093-1096
Neutral	0	2.7	4	1039-1041
Rowe	0	2.7	4	1034-1036
Bluejacket	0	2.7	4	946-948
Tebo	0	2.7	4	891-893
Fleming	0	2.7	4	819-821
Croweburg	0	2.7	4	781-784
Bevier	0	2.7	4	758-761
Mulky	0	2.7	4	677-681
Summit	0	2.7	4	666-670
Bartlesville	3	0.0	20	1018-1024
Total Estimated Current Production	3	27.0	60	

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).

Commingling ID number CO061201 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