



KANSAS CORPORATION COMMISSION 1085037  
OIL & GAS CONSERVATION DIVISION

Form ACO-4  
Form must be typed  
March 2009

APPLICATION FOR COMMINGLING OF **Commingling ID # CO071228**  
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 - 15-205-27078-00-01  
Spot Description: \_\_\_\_\_  
N2 NE SE Sec. 6 Twp. 29 S. R. 15  East  West  
2310 Feet from  North /  South Line of Section  
660 Feet from  East /  West Line of Section  
County: Wilson  
Lease Name: MOORHEAD MICHAEL W Well #: 6-1

1. Name and upper and lower limit of each production interval to be commingled:
- |                             |                         |
|-----------------------------|-------------------------|
| Formation: <u>FLEMING</u>   | (Perfs): <u>984-986</u> |
| Formation: <u>CROWEBURG</u> | (Perfs): <u>943-946</u> |
| Formation: <u>BEVIER</u>    | (Perfs): <u>925-927</u> |
| Formation: <u>MULKY</u>     | (Perfs): <u>868-872</u> |
| Formation: <u>SUMMIT</u>    | (Perfs): <u>854-858</u> |

2. Estimated amount of fluid production to be commingled from each interval:
- |                             |                |                 |                |
|-----------------------------|----------------|-----------------|----------------|
| Formation: <u>FLEMING</u>   | BOPD: <u>0</u> | MCFPD: <u>0</u> | BWPD: <u>8</u> |
| Formation: <u>CROWEBURG</u> | BOPD: <u>0</u> | MCFPD: <u>0</u> | BWPD: <u>8</u> |
| Formation: <u>BEVIER</u>    | BOPD: <u>0</u> | MCFPD: <u>0</u> | BWPD: <u>8</u> |
| Formation: <u>MULKY</u>     | BOPD: <u>0</u> | MCFPD: <u>0</u> | BWPD: <u>8</u> |
| Formation: <u>SUMMIT</u>    | BOPD: <u>0</u> | MCFPD: <u>0</u> | BWPD: <u>8</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

<b>KCC Office Use Only</b>	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>7/14/2012</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>07/16/2012</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.

POSTROCK

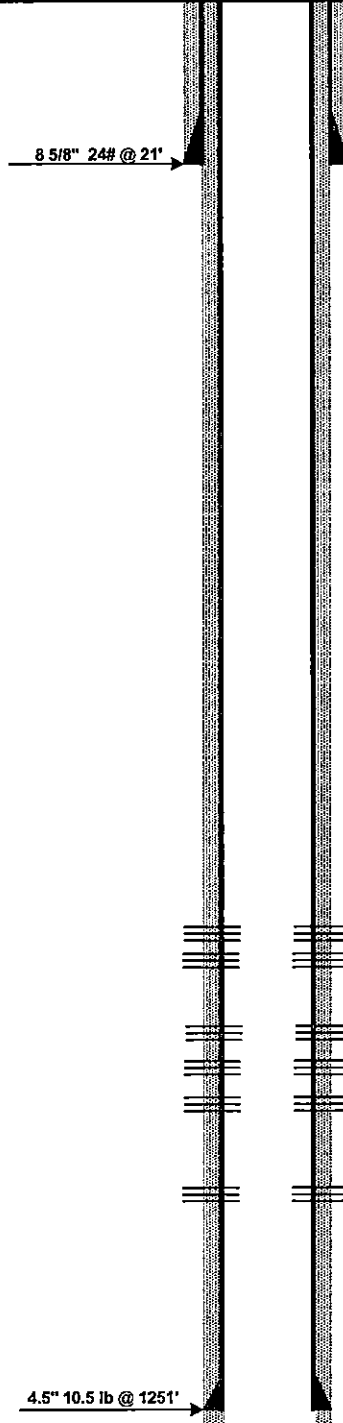


Current Completion

WELL : Moorhead, Michael W 6-1  
FIELD : Cherokee Basin CBM  
STATE : Kansas  
COUNTY : Wilson

SPUD DATE : 4/10/2007  
COMP. Date : 5/30/2007  
API: 15-205-27078-00-00

LOCATION: 6-29S-15E (NE, SE)  
ELEVATION: GL - 948'



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"	24 lb			2007	21'
4 1/2"	10.5 lb			2007	1251.7'

Downhole Equipment Detail

Empty table for Downhole Equipment Detail.

Completion Data

Original as GAS Well	
- 19,700 lbs 20/40 sand	
- 600 gals 15% acid	
- 1209 bbls	

Perforations

Original Completion	
984-986 (9)	
943-946 (13)	
925-927 (9)	
868-872 (17)	
854-858 (17)	
1098-1110	4/18/2012

































PREPARED BY: POSTROCK  
APPROVED BY: \_\_\_\_\_

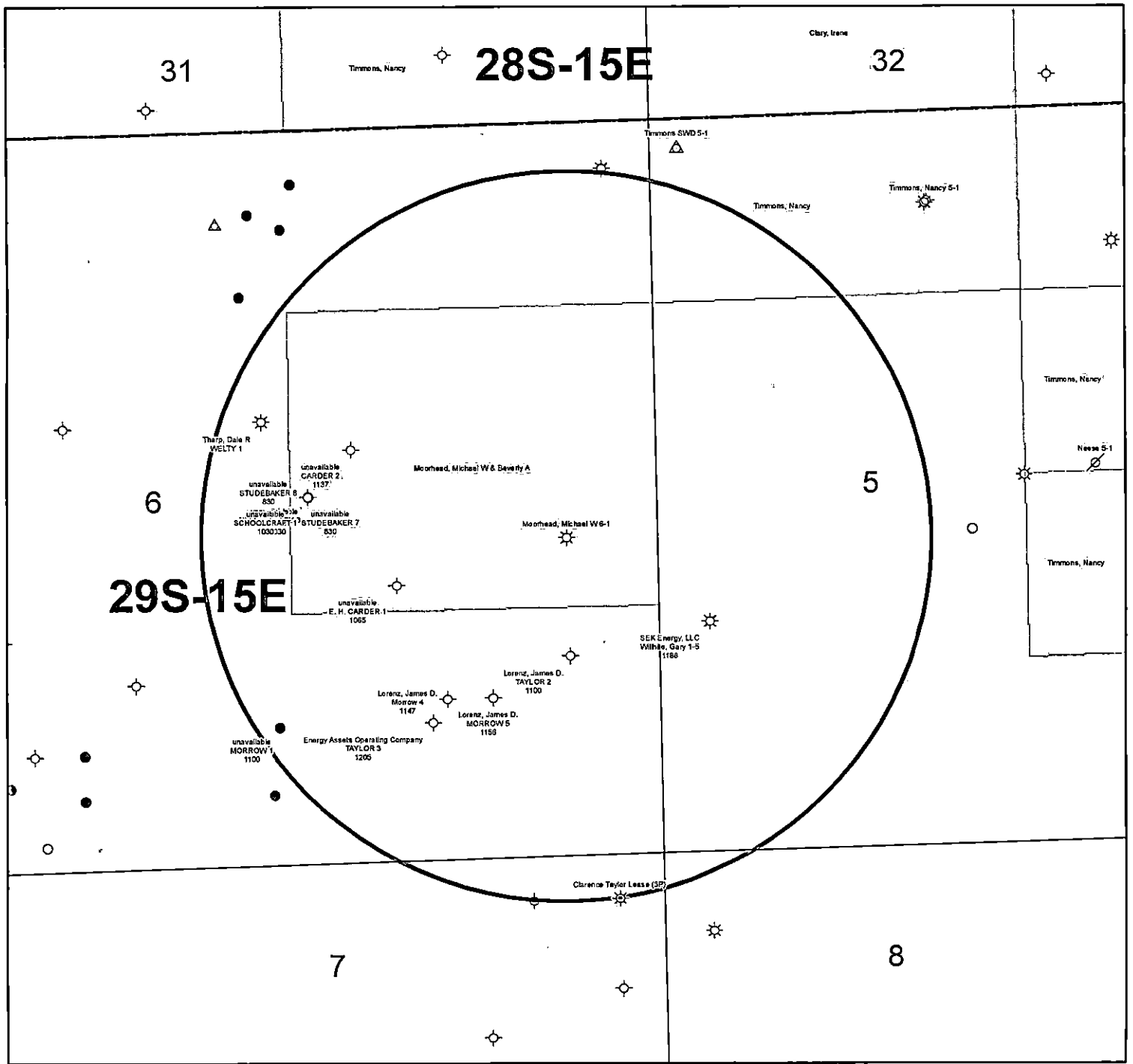
DATE: June, 2012  
DATE: \_\_\_\_\_

# POSTROCK



## LEGEND

<p>ESP</p> 	<p>Frac Port</p> 	<p>SN or Profile Nipple</p> 	<p>On-Off Tool</p> 
<p>Gas Lift Valve</p> 	<p>Bit</p> 	<p>Perforated Sub</p> 	<p>Blast Joints</p> 
		<p>Sliding Sleeve</p> 	<p>Pkr &amp; Seal Assembly</p> 
<p>Fish</p> 	<p>Muleshoe Guide</p> 	<p>Bladed Bit</p> 	<p>TAC</p> 
<p>Frac Rings</p> 	<p>Plunger Lift</p> 	<p>Pump</p> 	<p>Packer</p> 
		<p>Mud Anchor</p> 	<p>Casing Restriction</p> 
			<p>Seals</p> 
			<p>CIBP</p> 
<p>Plug for Nipple</p> 	<p>Tubing Restriction</p> 	<p>Frac Plug</p> 	<p>RBP</p> 
		<p>Cmt Retainer</p> 	<p>Fill</p> 
			<p>Cement PB</p> 
	<p>Casing Seat</p> 	<p>DV Tool</p> 	<p>Pkr &amp; Seal Assembly</p> 



**KGS STATUS**

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

Moorhead, Michael W 6-1  
 6-29S-15E  
 1" = 1,000'



**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION 1083390  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**

Form ACO-1  
June 2009  
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  SLOW  
 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: MOORHEAD, MICHAEL W 6-1

Original Comp. Date: 4/16/2007 Original Total Depth: 1262  
 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 #: \_\_\_\_\_

4/18/2012 4/18/2012  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-205-27078-00-01

Spot Description: \_\_\_\_\_  
\_ N2 \_ NE \_ SE Sec. 6 Twp. 29 S. R. 15  East  West  
2310 Feet from  North /  South Line of Section  
660 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Wilson

Lease Name: MOORHEAD MICHAEL W Well #: 6-1

Field Name: \_\_\_\_\_

Producing Formation: FLEMING, CROWEBURG, BEVIER, MULKY, SUMMITT, BARTLESVILLE

Elevation: Ground: 935 Kelly Bushing: 0

Total Depth: 1262 Plug Back Total Depth: 1251

Amount of Surface Pipe Set and Cemented at: 21 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

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: 06/06/2012  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 06/06/2012



1083390

Operator Name: PostRock Midcontinent Production LLC Lease Name: MOORHEAD MICHAEL W Well #: 6-1  
 Sec. 6 Twp. 29 S. R. 15  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 complete copy of all Electric Wire-line 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
---	--

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 (Amount and Kind of Material Used)	Depth
3	1098-1110	300 GAL 12% ACID/ 419 BBSLS SLICK WATER/ 300# FRAC GEL/ 18200# 20/40 SAND/ 11400# 12/20/ SAN	1098-1110

TUBING RECORD:      Size:      Set At:      Packer At:      Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. <u>4/26/2012</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.	Gas    Mcf	Water    Bbls.	Gas-Oil Ratio	Gravity

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

Conservation Division  
Finney State Office Building  
130 S. Markel, Rm. 207B  
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 06, 2012

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

Re: ACO1  
API 15-205-27078-00-00  
MOORHEAD MICHAEL W 6-1  
SE/4 Sec.06-29S-15E  
Wilson 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

	A	B	C	D	E	F	G	H	I	J	K
1	Produced Fluids #		1	2	3	4	5		Click here to run SSP  Click  Click  Goal Seek SSP  Click		
2	Parameters	Units	Input	Input	Input	Input	Input				
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:			
4	Sample ID							Cell H28 is			
5	Date		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			
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in			
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines			
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.			
10	Na <sup>+</sup>	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654.20			
11	K <sup>+</sup> (if not known =0)	(mg/l)						0.00	Saturation Index values		
12	Mg <sup>2+</sup>	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite		
13	Ca <sup>2+</sup>	(mg/l)	1,836.00	2,452.00	2,044.00	1920.00	1948.00	2040.23	-0.73	-0.60	0.13
14	Str <sup>2+</sup>	(mg/l)						0.00	Barite		
15	Ba <sup>2+</sup>	(mg/l)						0.00			
16	Fe <sup>2+</sup>	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite		
17	Zn <sup>2+</sup>	(mg/l)						0.00	-1.77	-1.80	-0.03
18	Pb <sup>2+</sup>	(mg/l)						0.00	Gypsum		
19	Cl <sup>-</sup>	(mg/l)	36,299.00	48,965.00	47,874.00	45632.00	43147.00	44388.44	-3.19	-3.18	0.00
20	SO <sub>4</sub> <sup>2-</sup>	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate		
21	F <sup>-</sup>	(mg/l)						0.00	-3.96	-3.90	0.06
22	Br <sup>-</sup>	(mg/l)						0.00	Anhydrite		
23	SiO <sub>2</sub>	(mg/l) SiO <sub>2</sub>						0.00	-3.47	-3.36	0.12
24	HCO <sub>3</sub> Alkalinity**	(mg/l as HCO <sub>3</sub> )	190.00	234.00	259.00	268.00	254.00	241.03	Celestite		
25	CO <sub>3</sub> Alkalinity	(mg/l as CO <sub>3</sub> )									
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide		
27	Ammonia	(mg/L) NH <sub>3</sub>						0.00	-0.16	-0.22	-0.06
28	Borate	(mg/L) H <sub>3</sub> BO <sub>3</sub>						0.00	Zinc Sulfide		
29	TDS (Measured)	(mg/l)						72781			
30	Calc. Density (STP)	(g/ml)	1.038	1.051	1.050	1.048	1.045	1.047	Calcium fluoride		
31	CO <sub>2</sub> Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16			
32	H <sub>2</sub> S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate		
33	Total H <sub>2</sub> Saq	(mgH <sub>2</sub> S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23
34	pH, 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 <sub>2</sub> %+Alk. 1- pH+Alk. 2- CO <sub>2</sub> %+pH	0	0	0	0	0		Calcite	NTMP	
36	Gas/day(thousand cf/day)	(Mcf/D)						0	0.00	0.00	
37	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP	
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00	
39	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)							(Enter H40-H43)	pH		
40	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60	
41	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)		
42	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826	
43	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml°C)		
44	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959	
45	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)		
46	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP	
47	MeOH/Day	(B/D)	0					0	0.00	0.00	
48	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP	
49	Conc. Multiplier								0.00	0.00	
50	H <sup>+</sup> (Strong acid) <sup>†</sup>	(N)									
51	OH <sup>-</sup> (Strong base) <sup>†</sup>	(N)									
52	Quality Control Checks at STP:										
53	H <sub>2</sub> S Gas	(%)									
54	Total H <sub>2</sub> Saq (STP)	(mgH <sub>2</sub> S/l)									
55	pH Calculated	(pH)									
56	PCO <sub>2</sub> Calculated	(%)									
57	Alkalinity Calculated	(mg/l) as HCO <sub>3</sub>									
58	ΣCations=	(equiv./l)									
59	ΣAnions=	(equiv./l)									
60	Calc TDS=	(mg/l)									
61	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)	Value	To Unit	Value		
62	Protection Time	120	min	1	NTMP	From Unit	80	°F	176		
63	Have ScaleSoftPitzer			2	BHPMP	°C	100	°F	3,531		
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m <sup>3</sup>	100	ft <sup>3</sup>	629		
65	If No, inhibitor # is:	4	#	4	DTPMP	m <sup>3</sup>	100	bb(42 US gal)	145,074		
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	7,194		
67	1 <sup>st</sup> inhibitor # is:	1	#	6	SPA	Bar	496	psia	193		
68	% of 1 <sup>st</sup> inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	238		
69	2 <sup>nd</sup> inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	63		
70	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bb(42 US gal)			
71				10	Mixed						



## Saturation Index Calculations

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

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

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

**Brine 3:** Clinesmith 5-4

**Brine 4:** Clinesmith 1

**Brine 5:** Clinesmith 2

Component (mg/L)	Ratio					Mixed Brine
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	
Calcium	1836	2452	2044	1920	1948	1952
Magnesium	1096	872	1200	953	858	865
Barium	0	0	0	0	0	0
Strontium	0	0	0	0	0	0
Bicarbonate	190	234	259	268	254	253
Sulfate	1	1	8	1	1	1
Chloride	36299	48965	47874	45632	43147	43206
CO <sub>2</sub> in Brine	246	220	264	422	405	401
Ionic Strength	1.12	1.48	1.46	1.38	1.31	1.31
Temperature (°F)	89	89	89	89	89	89
Pressure (psia)	50	50	120	120	120	119

### Saturation Index

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

### PTB

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

**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

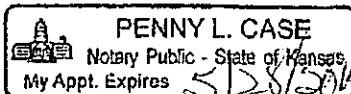
subsequent publications being made on the following dates:

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 (318775)  
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 Moorehead, Michael W 6-1 located  
In Wilson 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 Balmesville, Fleming,  
Croweburg, Bevier, Mulky, and Summit  
producing formations at the Moorehead,  
Michael W 6-1, located in the N2 NE SE,  
56-T29S-R15E, Approximately 2310 FSL  
& 660 FEL, 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 persons  
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 31st day of May, 2012

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: \$ 39<sup>27</sup>

(Signed) Miriam S. DeBunney

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

Rita M. Relph (Notary Public)

My commission expires Aug. 30, 2014

(Published in the Wilson County Citizen on Thursday, May 31, 2012)

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 Moorehead, Michael W 6-1 located in Wilson County, Kansas  
TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who may be concerned.

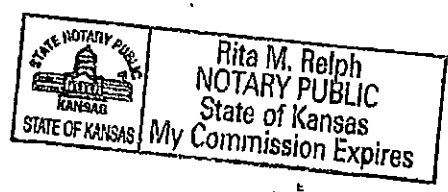
You, and each of you, are hereby notified that Postrock Midcontinent Production, LLC has filed an application to commingle the Dardesville, Fleming, Croweburg, Beaver, Mulky and Summit producing formations at the Moorehead, Michael W 6-1, located in the N2 NE SE, S6-T2S-R16E, Approximately 2310 FSL & 660 FEL, 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  
30-1 cpy.





**Affidavit of Notice Served**

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

Well Name: MOORHEAD, MICHAEL W 6-1 Legal Location: N2NESE S6-T29S-R15E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 29<sup>th</sup> 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.*

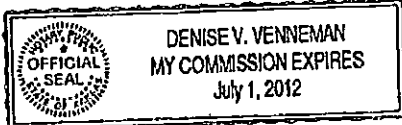
Name	Address (Attach additional sheets if necessary)
ENERGY ASSETS OPERATING CO	P O BOX 2229, HOUSTON, TX 77252
JAMES D LORENZ	543A 22000 RD, CHERRYVALE, KS 67335
SEK ENERGY, LLC	149 BENEDICT RD, PO BOX 55, BENEDICT, KS 66714
DALE R THARP	10249 HARPER RD, FREDONIA, KS 66736
SEE ATTACHED	

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 29<sup>th</sup> day of JUNE, 2012

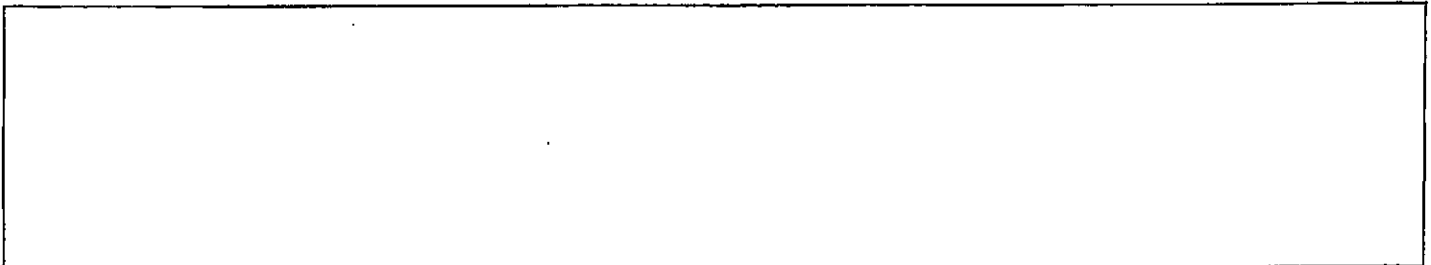
Justin R Beal  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 29<sup>th</sup> day of JUNE, 2012



Denise V Venneman  
Notary Public

My Commission Expires: 7-1-12



QTR	S	T	R	Title	Unleased Mineral Owners			Add'l Notes
S2 NW	5	29S	15E	No TO or OR	CREAGER Living Trust GARY D WILLHITE & DEBRA A. WILLHITE Joint Revocable Trust (1/2) AND E. WAYNE WILLHITE; EUGENA L. WILLHITE Rev. Trust (1/2)	8894 MADE RD	Fredonia, KS 66736	updated
N2 SW N2 SW	5	29S	15E	OR dtd 8.30.04		1705 N MAIN	EL DORADO KS 67042	updated
S2 SW less tract	5	29S	15E	None	Clinton & Amy Gilbert	10904 1200 Rd	Fredonia, KS 66736	added
tract in S2 SW	5	29S	15E		Naill Bros, Inc.	9387 HARPER RD	Fredonia, KS 66736	added
tract in S2	6	29S	15E	OR dtd 1.24.07	Clarence V. Taylor	9660 1200 Rd	Fredonia, KS 66736	
tract in S2 SE lying N&E of Hwy	6	29S	15E		Chuck & Juli Ward	8068 1050 Rd	Fredonia, KS 66736	added
**M&B in S2	6	29S	15E	OR dtd 1.24.07	The Sec. of Trans. of KS	534 S. Kansas Avenue	Topeka, KS 66603	Transportation Dept does not claim minerals
N2 NE	6	29S	15E	OR dtd 1.24.07	Jayson Studebaker	12794 Jade Rd	Fredonia, KS 66736	
tract in NW4	6	29S	15E	None	Mary M. Ambrose	2115 E WASHINGTON	Fredonia, KS 66736	added
tract in SW4					Kent A & Lynnette Ambrose	11505 1400 RD	Fredonia, KS 66736	added
Tract in NE NE	7	29S	15E	None	Nick & Peggy Powers	21885 Jade Rd	Fredonia, KS 66736	added
M&B in NE	7	29S	15E		The Sec. of Trans. of KS	534 S. Kansas Avenue	Topeka, KS 66603	added
E2 NE4 less tracts	7	29S	15E		Kenton G. & Kathryn S. Cloiborne Living Trust	21586 Coyville Road	Fredonia, KS 66736	added
NW (small portion)	8	29S	15E	None	Donald V. Parsons	1595 S WICHITA	Wichita, KS 67213	added



**MOORHEAD, MICHAEL W 6-1**

**OFFSET OPERATORS, UNLEASED MINERAL OWNERS AND LANDOWNERS ACREAGE**

<b>SPOT</b>	<b>LEGAL LOCATION</b>	<b>CURR_OPERA</b>
NE SW SE	S6-T29S-R15E	Energy Assets Operating Company
SW SE NE SE	S6-T29S-R15E	Lorenz, James D.
NE NE SW SE	S6-T29S-R15E	Lorenz, James D.
NW NW SE SE	S6-T29S-R15E	Lorenz, James D.
SW NW SW	S5-T29S-R15E	SEK Energy, LLC
NW SE SE NW	S6-T29S-R15E	Tharp, Dale R



QTR	S	T	R	Tide	Unleased Mineral Owners	Address	City, State, Zip	Add'l Notes
S2 NW	5	29S	15E	No TO or OR	CREAGER Living Trust GARY D WILLHITE & DEBRA A. WILLHITE Joint Revocable Trust (1/2) AND E. WAYNE WILLHITE & EUGENA L. WILLHITE Rev. Trust (1/2)	8254 JADE RD	Fredonia, KS 66736	updated
N2 SW N2 SW	5	29S	15E	OR dtd 3.30.04		1708 N MAIN	EL DORADO KS 67042	updated
S2 SW less tract	5	29S	15E	None	Clinton & Amy Gilbert	10304 1200 Rd	Fredonia, KS 66726	added
tract in S2 SW	5	29S	15E		Neill Bros., Inc.	8857 HARPER RD	Fredonia, KS 66733	added
tract in S2	6	29S	15E	OR dtd 1.24.07	Clarence V. Taylor	9660 1200 Rd	Fredonia, KS 66736	
tract in S2 SE lying N&E of Hwy	6	29S	15E		Chuck & Juli Ward	3088 1050 Rr	Fredonia, KS 66733	added
**M&B in S2	6	29S	15E	OR dtd 1.24.07	The Sec. of Trans. of KS	534 S. Kansas Avenue	Topeka, KS 66603	Transportation Dept does not claim minerals
N2 NE	6	29S	15E	OR dtd 1.24.07	Jayson Studebaker	12784 Jade Rd	Fredonia, KS 66736	
tract in NW4	6	29S	15E	None	Mary M. Ambrose	2115 E WASHINGTON	Fredonia, KS 66736	added
tract in SW4					Kerr A & Lynette Ambrose	2150S 1400 RD	Fredonia, KS 66736	added
Tract in NE NE	7	29S	15E	None	Nick & Peggy Powers	21826 Jade Rd	Fredonia, KS 66736	added
M&B in NE	7	29S	15E		The Sec. of Trans. of KS	534 S. Kansas Avenue	Topeka, KS 66603	added
E2 NE4 less tracts	7	29S	15E		Kenton G. & Kathryn S. Claiborne Living Trust	21585 Coyville Road	Fredonia, KS 66736	added
NW (small portion)	8	29S	15E	None	Donald V. Parsons	1609 S WICHITA	Wichita, KS 67215	added

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

Sam Brownback, Governor

July 16, 2012

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

RE: Approved Commingling CO071228  
Moorhead, Michael W. 6-1, Sec.6-T29S-R15E, Wilson County  
API No. 15-205-27078-00-01

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on July 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).

Commingling ID number CO071228 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