



KANSAS CORPORATION COMMISSION 1093896
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID # CO121204*
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 - 15-205-27014-00-00
Spot Description: SW NE NE SE Sec. 3 Twp. 28 S. R. 15 East West
1989 Feet from North / South Line of Section
347 Feet from East / West Line of Section
County: Wilson
Lease Name: ORENDORFF HARRY L Well #: 3-1

1. Name and upper and lower limit of each production interval to be commingled:
- | | |
|-----------------------------|---------------------------|
| Formation: <u>SUMMIT</u> | (Perfs): <u>788-792</u> |
| Formation: <u>MULKY</u> | (Perfs): <u>800-804</u> |
| Formation: <u>CROWEBURG</u> | (Perfs): <u>885-888</u> |
| Formation: <u>FLEMING</u> | (Perfs): <u>920-922</u> |
| Formation: <u>WIER</u> | (Perfs): <u>1029-1031</u> |

2. Estimated amount of fluid production to be commingled from each interval:
- | | | | |
|-----------------------------|----------------|-------------------|-----------------|
| Formation: <u>SUMMIT</u> | BOPD: <u>0</u> | MCFPD: <u>1.6</u> | BWPD: <u>.6</u> |
| Formation: <u>MULKY</u> | BOPD: <u>0</u> | MCFPD: <u>1.6</u> | BWPD: <u>.6</u> |
| Formation: <u>CROWEBURG</u> | BOPD: <u>0</u> | MCFPD: <u>1.6</u> | BWPD: <u>.6</u> |
| Formation: <u>FLEMING</u> | BOPD: <u>0</u> | MCFPD: <u>1.6</u> | BWPD: <u>.6</u> |
| Formation: <u>WIER</u> | BOPD: <u>0</u> | MCFPD: <u>1.6</u> | BWPD: <u>.6</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: 12/12/2012

Approved By: Rick Hestermann Date: 12/12/2012

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 #		1	2	3	4	5		Click here to run SSP Goal Seek SSP		Click		
2	Parameters	Units	Input	Input	Input	Input	Input						Click
3	Select the brines	Select fluid by checking the box(es)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mixed brine: Cell H28 is					Click
4	Sample ID							STP calc. pH.					Click
5	Date	Row 3	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	Cells H35-38 are used in mixed brines calculations.					Click
6	Operator	PostRock	PostRock	PostRock	PostRock	PostRock	PostRock						Click
7	Well Name	Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	Clinesmith						Click
8	Location	#34-1	#4-1	#5-4	#1	#2							Click
9	Field	CBM	CBM	Bartles	Bartles	Bartles							Click
10	Na ⁺	(mg/l)*	19,433.00	27,381.00	26,534.00	25,689.00	24,220.00	24,654.20	Initial(BH)	Final(WH)	SI/SR (Final-Initial)		
11	K ⁺ (if not known =0)	(mg/l)						0.00	Saturation Index values				
12	Mg ²⁺	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite				
13	Ca ²⁺	(mg/l)	1,836.00	2,452.00	2,044.00	1,920.00	1,948.00	2,040.23	-0.73	-0.60	0.13		
14	Str 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	45,632.00	43,147.00	44,388.44	-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-LO ₂ %+Alk, 1-pH+Alk, 2-CO ₂ %+pH	0	0	0	0	0	0	Calcite	NTMP			
36	Gas/day(thousand cf/day)	(Mc/D)						0	0.00	0.00			
37	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP			
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00			
39	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)							(Enter H40-H43)	pH				
40	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60			
41	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentPoise)				
42	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826			
43	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml/°C)				
44	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959			
45	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)				
46	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP			
47	MeOH/Day	(B/D)	0					0	0.00	0.00			
48	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP			
49	Conc. Multiplier								0.00	0.00			
50	H ⁺ (Strong acid) [†]	(N)											
51	OH ⁻ (Strong base) [†]	(N)											
52	Quality Control Checks at STP:												
53	H ₂ S Gas	(%)											
54	Total H ₂ Saq (STP)	(mgH ₂ S/l)											
55	pH Calculated	(pH)											
56	PCO ₂ Calculated	(%)											
57	Alkalinity Calculated	(mg/l) as HCO ₃											
58	ΣCations=	(equiv./l)											
59	ΣAnions=	(equiv./l)											
60	Calc TDS=	(mg/l)											
61	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)	Value	To Unit	Value				
62	Protection Time	120	min	1	NTMP	From Unit	80	°F	176				
63	Have ScaleSoftPitzer			2	BHPMP	°C	100	ft ³	3,531				
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m ³	100	bb(42 US gal)	629				
65	If No, Inhibitor # is:	4	#	4	DTPMP	m ³	1,000	psia	145,074				
66	If you select Mixed,			5	PPCA	MPa	496	psia	7,194				
67	1 st inhibitor # is:	1	#	6	SPA	Bar	10,000	psia	193				
68	% of 1 st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	238				
69	2 nd inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	63				
70	Display ucl. 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					
	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

QUEST

Resource Corporation

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

TICKET NUMBER 1938

FIELD TICKET REF #

FOREMAN Joe

619050

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
12-04-06	Drendorff Harry 3-1		3	27	15	WL	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	6:45	4:00		903427		6.75	<i>Joe B</i>
Wes T	7:00	2:30		903197		7.5	<i>Wes T</i>
Russell A	7:00	2:30		903230		7.5	<i>Russell A</i>
Brendon M	7:00	1:30		903400	952705	6.5	<i>Brendon M</i>
Joe B	6:30	1:30		903286		7	<i>Joe B</i>

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1264 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1256.38 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 20.03 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:

Installed cement head PAW 2 SKS gel of 14 bbl dye of 173 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom of set float shoe.

6 hr wait on drier to move trucks out of mud & snow

1256.38	FT 4 1/2 Casing
6	Centralizers
1	4 1/2 float shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	6.75 hr	Foreman Pickup	
903197	7.5 hr	Cement Pump Truck	
903230	7.5 hr	Bulk Truck	
1104	163 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement - 3 Baffles 3 1/2 x 3"	
1126	1	OWC Blend Cement - 4 1/2 wiper plug	
1110	17 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate Calchloride	
1123	7000 gal	City Water	
	6.5 hr	Transport Truck	
	6.5 hr	Transport Trailer	
903286	7 hr	80 Vac	

RECEIVED
MAR 26 2007

KCC WICHITA

Operator Name: Quest Cherokee, LLC Lease Name: Orendorff, Harry L. Well #: 3-1
 Sec. 3 Twp. 28 S. 15 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached

**Compensated Density/Neutron Log
 Dual Induction Log**

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	21' 6"	"A"	5	
Production	6-3/4	4-1/2	10.5	1256.38	"A"	173	

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
	waiting on pipelin		

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

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

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

Production Interval

WARRANTY
 ...

TXD SERVICES LP DRILLERS LOG

TXD SERVICES LP

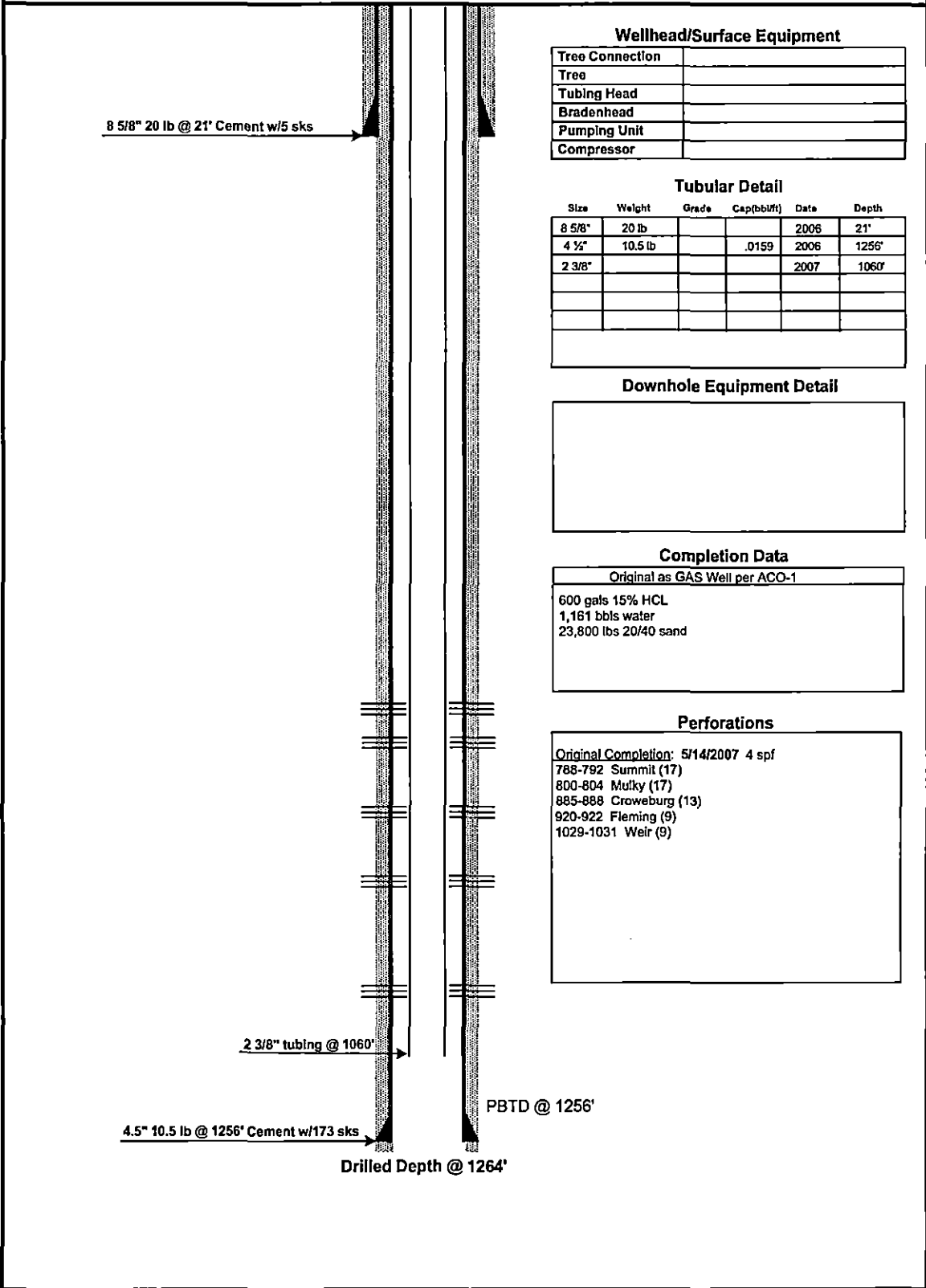
RIG #	101	S.	3	T.	28	R.	15			
API #	205-27014	County:	Wilson			408'	10 - 1/4"	5.32		
Elev:	860'	Location	Kansas			439'	10 - 1/4"	5.32		
						532'	3 - 1/2"	10.9		
Operator:	Quest Cherokee, LLC					689'	2 - 1/2"	8.87		
Address:	9520 N. May Ave, Suite 300					720'	2 - 1/2"	8.87		
	Oklahoma City, OK 73120					752'	2 - 1/2"	8.87		
Well #	3-1	Lease Name	Orendorff, Harry L.			783'	2 - 1/2"	8.87		
Footage Location	1980 ft from the	S	Line			815'	2 - 1/2"	8.87		
	350 ft from the	E	Line			908'	2 - 1/2"	8.87		
Drilling Contractor:	TXD SERVICES LP					940'	3 - 1/2"	10.9		
Spud Date:	11/28/2006	Geologist:				1001'	6 - 1/2"	15.4		
Date Comp:	11/29/2006	Total Depth:	1264'			1157'	6 - 1/2"	15.4		
Exact spot Location:	E/2 NE SE					1189'	7 1/2"	16.7		
						1264'	TD/GCS			
Surface	12-1/4"	Production	6-3/4"							
Size Hole	8-5/8"	Size Casing	4-1/2"							
Weight	24#									
Setting Depth	21.5'									
Type Cement	portland									
Sacks										

RECEIVED
MAR 26 2007
KCC WICHITA

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	1	lime	461	486	sand	683	703
clayshale	1	20	coal	486	487	l.shale	703	705
shale	20	106	lime	487	515	lime	705	708
lime	108	124	b.shale	515	520	coal	708	710
shale	124	170	coal	520	522	lime	710	737
lime	170	218	b.shale	522	524	b.shale	737	739
shale	218	245	shale	524	530	coal	739	740
sand	245	263	b.shale	530	532	lime	740	750
b.shale	263	285	shale	532	540	shale	750	752
shale	265	283	sand	540	550	sand	752	784
lime	283	296	shale	550	567	coal	764	765
shale	296	306	lime	567	571	lime	765	791
lime	306	389	shale	571	576	b.shale	791	793
b.shale	389	391	lime	575	585	lime	793	803
lime	391	397	shale	585	608	coal	803	805
shale	397	419	lime	606	618	shale	805	808
sand	419	424	sand	618	621	sand	808	862
coal	424	425	shale	621	628	b.shale	862	864
lime	425	430	lime	628	654	shale	864	877
shale	430	445	shale	654	669	sand	877	880
lime	445	459	coal	669	670	coal	880	882
b.shale	459	460	shale	670	675	sand	882	889
coal	460	461	l.shale	675	683	shale	889	916

348' added water, 470' odor, 515-520' odor, 810-820' odor,

WELL : Orendorff, Harry L 3-1 FIELD : Cherokee Basin STATE : Kansas COUNTY : Wilson	LOCATION: 3-28S-15E (NE,SE) ELEVATION: 860'	SPUD DATE : 11/28/2006 COMP. Date : 12/4/2006 API : 15-205-27014-00-00
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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	21'
4 1/2"	10.5 lb		.0159	2006	1256'
2 3/8"				2007	1060'

Downhole Equipment Detail

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Completion Data

Original as GAS Well per ACO-1
600 gals 15% HCL
1,161 bbls water
23,800 lbs 20/40 sand

Perforations

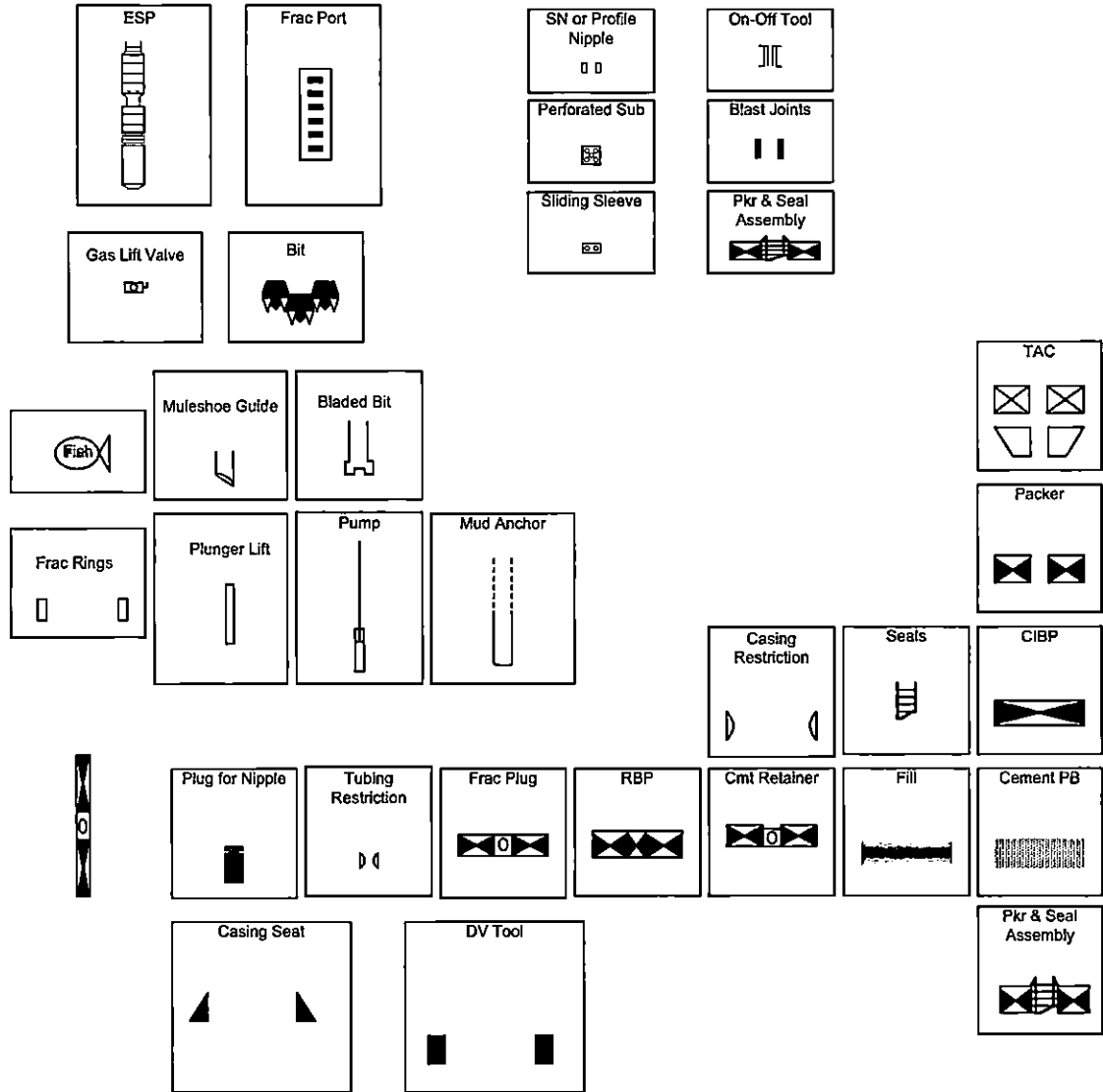
Original Completion: 5/14/2007 4 spf
788-792 Summit (17)
800-804 Mulky (17)
885-888 Croweburg (13)
920-922 Fleming (9)
1029-1031 Weir (9)

POSTROCK



LEGEND

PostRock®



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 15th day of Oct., 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: \$ 40⁰⁴

(Signed) Mina S. Webber

Subscribed and sworn to before me, this 16th day of October, 2012

Rita M. Relph (Notary Public)

My commission expires Aug. 30, 2014

(Published in the Wilson County Citizen on Monday, October 15, 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 Orendorff, Harry L 8-1 located in Wilson County, Kansas.

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

You, and each of you, are hereby notified that Postrock Midcontinent Production, LLC has filed an application to commingle the Summit, Milky Crowburg, Fleming, Weir and Cattleman producing formations at the Orendorff, Harry L 8-1, located in the E2 NE SE, S3-T2S-R16E, Approximately 1989 FSL & 347 FEL, Wilson County, Kansas.

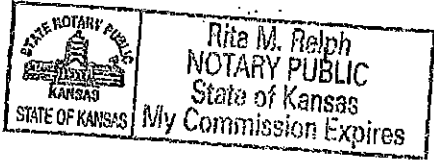
Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission 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 2760
Oklahoma City, Oklahoma 73102
(405) 660-7704
69 1 cpy

PAID



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 11th of

October A.D. 2012, with

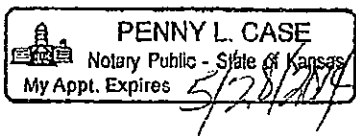
subsequent publications being made on the following dates:

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

11th day of October, 2012



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$130.00

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
OCTOBER 11, 2012 (3211694)
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 Orendorf, Harry L-3-1
located in Wilson County, Kansas
TO: All Oil & Gas Producers, Unleased Mineral
Interest Owners, Landowners, and all persons
whomever concerned.
You, and each of you, are hereby notified
that Postrock Midcontinent Production, LLC
has filed an application to commingle the
Summit, Mulky, Crowburg, Flaming, Wair
and Cattlemen producing formations at the
Orendorf, Harry L-3-1, located in the EX NE
SE, S2-T28S-R15E, Approximately 1989 F&L #
347 F&L, 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

Affidavit of Notice Served

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

Well Name: ORENDORFF, HARRY L 3-1 Legal Location: E2NESE S3-T28S-R15E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day ~~26TH~~^{27th} of NOVEMBER, 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 WILSON COUNTY CITIZEN, the official county publication of WILSON county. A copy of the affidavit of this publication is attached.

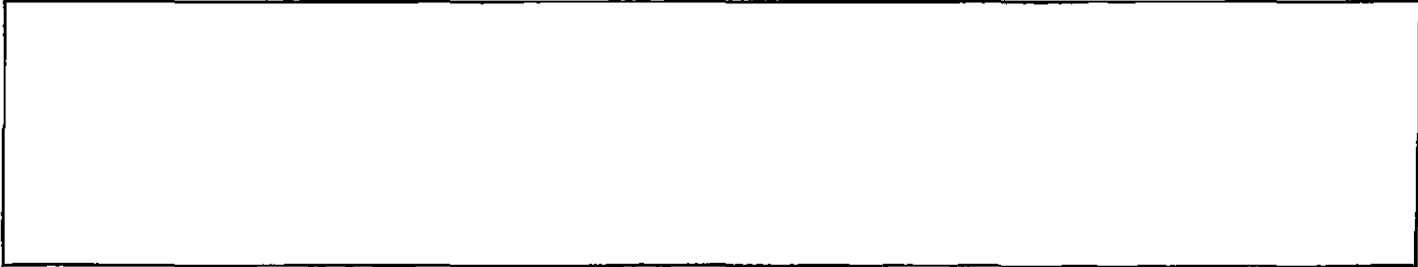
Signed this ~~26TH~~^{27th} day of NOVEMBER, 2012

Jess Morris
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this ~~26TH~~^{27th} day of NOVEMBER, 2012



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



ORENDORFF, HARRY L 3-1

2-28S-15E

NWNW

John & Julie Seiwert
16304 Inman Rd
Fredonia, KS 66736

W2SWNW

Charles T. Jr. & Dulcie M. Parker
227S 8th
Fredonia, KS 66736

3-28S-15E

**N2NE &
tracts in S2NE**

John & Julie Seiwert
16304 Inman Rd
Fredonia, KS 66736

tract in E2

Charles T. Jr. & Dulcie M. Parker
227S 8th
Fredonia, KS 66736

Tract in W2

Florence Payne Trust
12682 2000 Rd
Buffalo, KS 66717

Tract in S2

Pierpoint Farms
700 N Main
Yates Center, KS 66783

10-28S-15E

Tracts in NE4

Charles & Peggy Miller
1140 Faulkner Dr
Claremore, OK 74017

Tracts in NE4

Kelley & Phyllis Starbuck
130 Allen
Benedict, KS 66714

11-28S-15E

Tract in NW

Mary Lamb
170 Benedict Rd
Benedict, KS 66714

**Railroad ROW in all
sections within this report**

Sunflower Rails-Trails Conservancy
P.O. Box 44-2043
Lawrence, KS 66044

ORENDORFF, HARRY L 3-1

2-28S-15E

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16304 Inman Rd
Fredonia, KS 66736

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Mary Lamb
170 Benedict Rd
Benedict, KS 66714

**Railroad ROW in all
sections within this report**

Sunflower Rails-Trails Conservancy
P.O. Box 44-2043
Lawrence, KS 66044

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

December 12, 2012

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

RE: Approved Commingling CO121204
Orendorff, Harry L. 3-1, Sec. 3-T28S-R15E, Wilson County
API No. 15-205-27014-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on December 10, 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 Wier 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 CO121204 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