

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-4 Form must be typed March 2009

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

OPERATOR: License #		API No. 15						
Name:_		Spot Description:						
Address	1:		Sec Twp	S. R East West				
Address	2:		Feet from No	orth / South Line of Section				
City:	State: Zip:+		Feet from Ea	st / West Line of Section				
Contact	Person:	County:						
Phone:	()	Lease Name:	Well	l #:				
_ 1.	Name and upper and lower limit of each production interval to	ŭ						
	Formation:	(Perfs):						
	Formation:	(Perfs):						
	Formation:	(Perfs):						
	Formation:	(Perfs):						
	Formation:	(Perfs):						
<u> </u>	Estimated amount of fluid production to be commingled from e							
	Formation:			BWPD:				
	Formation:			BWPD:				
	Formation:	BOPD:	MCFPD:	BWPD:				
	Formation:	BOPD:	MCFPD:	BWPD:				
	Formation:	BOPD:	MCFPD:	BWPD:				
□ 3.□ 4.	Plat map showing the location of the subject well, all other well the subject well, and for each well the names and addresses of Signed certificate showing service of the application and affida	of the lessee of record or opera	ator.	ses within a 1/2 mile radius of				
For Cor	nmingling of PRODUCTION ONLY, include the following:							
<u> </u>	Wireline log of subject well. Previously Filed with ACO-1:	Yes No						
	Complete Form ACO-1 (Well Completion form) for the subject							
For Cor	nmingling of FLUIDS ONLY, include the following:							
7.	Well construction diagram of subject well.							
8.	Any available water chemistry data demonstrating the compati	ibility of the fluids to be commi	ngled.					
current i mingling	VIT: I am the affiant and hereby certify that to the best of my nformation, knowledge and personal belief, this request for comis true and proper and I have no information or knowledge, which sistent with the information supplied in this application.	Sub	omitted Electron	ically				
KC(C Office Use Only			t in the application. Protests must be e filed wihin 15 days of publication of				

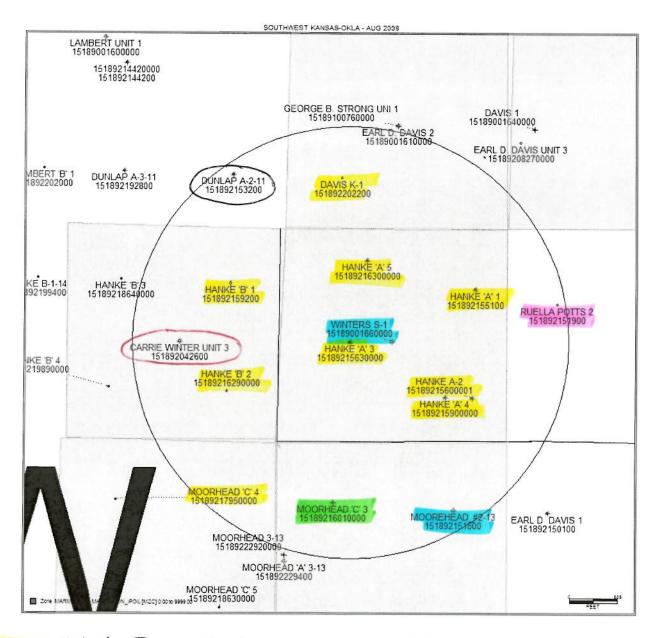
15-Day Periods Ends: __ Approved By: Date: _

Proposed Wellbore Diagram

WELL N	AME:	HANKE A-	3	WELLBORE DIAGRAM			
LEGAL: 1335' FNL & 810' I		FWL	16-0				
		13-31S-35W					
FIELD: CHURCHMAN-BIBI		ILE					
COUNTY, ST: STEVENS COUNT		0004 1		1			
API#	**						
WI: 100.0000%							
RI:		87.5000%					
SFC CSG:		8-5/8", 24# @ 1762'					
PROD CSG:		5-1/2", 15.5# @ 5812'					
PROD TBG:		2-3/8", 4.7#, 180 JTS, SN @ 5610'				8-548",24 \$ @ 1762'	
GL:		2964.7'				CMT u/625 xxr 50/50 Pax + 200 xxr Class H Cmt circ tasurface	
TD:		5871'					
PBTD:		5796'				ETOC 2310'	
PRODU	CING IN	TERVALS					
FORM	MATION	INTERVAL	SPF			2-3/8*, 4.7\$, 180 JTS, SN @ 5610*	
Chester		5574-5587	2				
St. Louis		5682-5689	under CIBP @ 5670'			DVTeel @3096*	
St. Louis		5704-5711'	under cmt ret @ 5700'			CMT u/ 125 xx 50/50 Pax	
St. Louis		5773-5781*	under CIBP @ 5761'				
	ATION H	IISTORY	T	3333	9888	ETOC 4050'	
DATE		ACTION	RESULTS		-		
Sep-93	Spud.					Proposed Dewey Limestone	
Oct-93	P/5682-89',5704-11',73-81'(St. Lavir) u/2 SPF. A/3,300 qair 28×FoHCI+53 BS. MP 3007, IR 5.4.		A: 20 Bfph (5% ail) fram 5773-81*		2	4409-4414	
			15 Bfph (40% ail) fram 5704-11*		1 🐘	4420-4423	
		(90%ail) from 5682-89', 5704-11'.	25 Bfph (20% ail) fram 5682-89'			D 1M	
Oct-93 SotCIBP @ 5761'. Sotpmpoquip.		A: Pmpq25Bapd,43Bupd			Proposed Marmaton		
Nov-93	Treat uf 400 gair xylone + 2,000 gair 15% FeHCl+		A: Pmpq22Bapd,120Bupd			4840-4844	
	18BS, MP 1540,					EE74.EE621(OL)	
	Doc-93 Setembrot @ 5700". Tarbboth St. Louis zonas.		A: Istd 100% utrfrom both soner			5574-55%7" (Charter)	
000-93	3 Sot OIBP @ 5670', P15574-87' (Chertor) u12 SPF. 4/1,000 qab 15% FoHCl + 30 BS. MP 2520, IR 4.5. F/ dun crq u1700 qab 15% FoHCl+2,000 qab 2%		A: Pmpq 115 Bepd, 15 Bupd SIBHP 1,475 priq	0000	10000	CIBP @ 5670'	
					-	5682-5689'(Sk. Lauir)	
	KCI utr+47,100 galr35\$ xlnkd gal+185,000\$					CmtRot @ 5700'	
	16/30, d. MP 2682, IR 30 BPM.			#		5704-5711' (St. Lovir)	
		400				CIBP ⊕ 5761*	
					-	5773-5781'(St. Lavir)	
				52555	Ture.		
				2000 2000 2000 2000 2000 2000 2000 200		5-1/2*,15.5 * @ 58121	

It is proposed to commingle the Dewey Limestone, Marmaton, and Chester in the Hanke A-3. The well is currently producing 10 BOPD from the Chester. Expected rates are 10 BOPD from the Chester, and 5 BOPD and 5 BWPD from the Marmaton and Dewey each, totaling 20 BOPD and 10 BWPD total commingled production.

Half Mile Radius around Hanke A-3



Merit Energy Company OxTo Energy Inc.

Analor to Petroleyn Corp.

Pioneer Metrol Resources Kerr-McGee Oil + G=5 Ohshote L?

PUBLIC NOTICE

(First published in the Hugoton Hermes, Thursday, February 6, 2014) 1t

Before the State Commission of the State of Kansas Notice of Filing Application

Re: Merit Energy Company- Application for the permit to authorize the comminging of zones in the Hanke 'A' #3, located in Stevens County, Kansas.

To: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners and all persons whomever concerned.

You, and each of you, are hereby notified that Merit Energy Company has filed an application to commingle the Dewey Limestone with the Marmaton and Chester zones in the Hanke 'A' #3, located approximately 3945' NL and 4470' W, from SE corner. Sec. 13, TWP 31S in Stevens County. Kansas.

All persons who object to or protest

this application shall be required to file their objections or protests with the Conservation Commission of the State of Kansas within (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Merit Energy Company 13727 Noel Road Suite 1200 Dallas, TX 75240 972-628-1603 Attn: Matt Ogden

AFFIDAVIT OF PUBLICATIONS

STATE OF KANSAS, STEVENS COUNTY, ss Faith Publishing LLC, being first duly sworn, deposes and says: That they are Publisher of the Hugoton Hermes, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Stevens County, Kansas, with a general paid circulation on a weekly basis in Stevens County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

.. Said newspaper is a weekly, 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 Hugoton in Said County as second class matter.

Notary Public

NOTARY PUBLIC - State of Kansas

ROGLENDA S. COULTER

My Appt. Exp.

T. 1

Judge

AFFIDAVIT

STATE OF KANSAS

1

- SS.

County of Sedgwick

1

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 30^{th}

January A.D. 2014, 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.

Fletchall

Subscribed and sworn to before me this

30th day of January, 2014

JENNIFER RAE BAILEY
Notary Public - State of Kansas
My Appt Expires (0/4/2017

Notary Public Sedgwick County, Kansas

Printer's Fee : \$209.20

230 Legal Notices

Published in the Wichita Eagle 1/29/2014 Before the State Commission of the State of Kansas Notice of Filing Application

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Merit Energy Company

Hanke 'A' #3 Stevens County, Kansas

AFFIDAVIT

I hereby certify the following interested parties of this application were mailed, via first class mail, a copy of KCC Form ACD-4 on the 31st day of January, 2014.

Matt Ogden

Regulatory Analyst / South Division

Subscribed and sworn to before me is this on the 3rd day of February, 2014.

Cheryl Patrick, Notary Public

Operators within ½ mile radius:

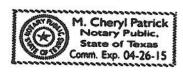
Anadarko Petroleum Corporation Attn Frank Davis PO Box 1330 Houston, TX 77251

PIONEER NATURAL RES. USA, INC. 5205 N O CONNOR BLVD STE 200 IRVING, TX 75039

Kerr-McGee Oil & Gas Onshore LP PO BOX 1330 REGULATORY GROUP HOUSTON, TX 77251

XTO Energy Inc. 210 PARK AVE STE 2350 OKLAHOMA CITY, OK 73102

BEREXCO LLC 2020 N. BRAMBLEWOOD WICHITA, KS 67206



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/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Thomas E. Wright, Commissioner Jay Scott Emler, Commissioner

February 21, 2014

Matt Ogden Merit Energy Company 13727 Noel Rd Ste 1200 Dallas, TX 75240

RE: Approved Commingling CO021402

Hanke A 3, Sec.13-T31S-R35W, Stevens County

API No. 15-189-21563-00-00

Dear Mr. Ogden:

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 February 13, 2014, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

	Estimated Current Production			
Source of Supply	BOPD	MCFPD	BWPD	Perf Depth
Dewey Limestone	5	0	5	4409-4423
Marmaton	5	0	5	4840-4844
Chester	10	0	0	5574-5587
Total Estimated Current Production	20	0	10	

Based upon the depth of the Chester formation perforations, total oil production shall not exceed 200 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 CO021402 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