

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1168481

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)

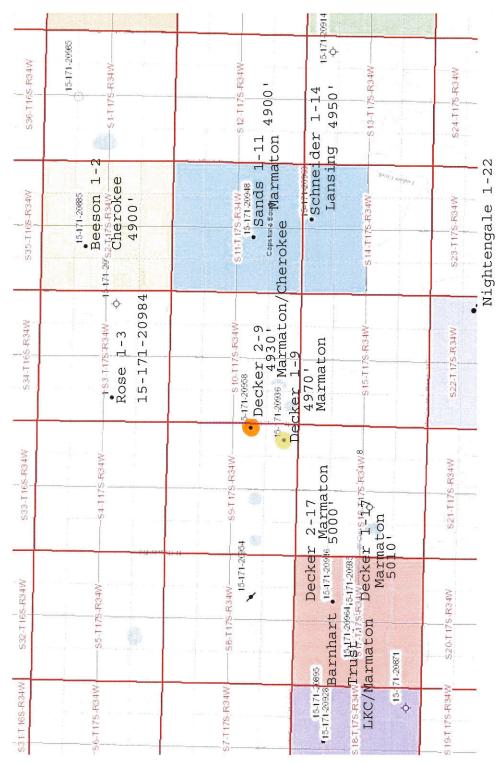
OPERAT	OR: License #	API No. 15		
Name:_		Spot Description: _		
Address	1:		Sec Twp	_S. R East West
Address	2:		Feet from No	orth / South Line of Section
City:	State: Zip:+		Feet from Ea	st / West Line of Section
Contact	Person:	County:		
Phone:	()	Lease Name:	Wel	l #:
1.	Name and upper and lower limit of each production interval to	be commingled:		
	Formation:	(Perfs):		
2.	Estimated amount of fluid production to be commingled from e			
	Formation:			BWPD:
	Formation:			BWPD:
	Formation:			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 op	erator.	ses within a 1/2 mile radius of
For Con	nmingling 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	_		
For Con	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 com	mingled.	
current ir mingling	/IT: 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 istent with the information supplied in this application.	S	ubmitted Electron	iically
l —	C Office Use Only			t in the application. Protests must be e filed wihin 15 days of publication of

Date: _

Denied Approved

15-Day Periods Ends:

Approved By:



15-171-20925 4805' Marmaton

WELL BORE DIAGRAM - EXISTING

Field: UnNamed

Date: 9-16-13

Decker 2-9

Present Status: Marmaton/Altamont/Johnson Zone Producer

NE SE NE SE Sec 9-17S-34W

Scott Co. KS

API: 15-171-20958

Surface Csg: 8%" 23# LS STC @ 227' in 12%" hole Elev KB: 3135' GL: 3124'

2%" x 1.5" x 14' RWB pump (30 cup) pump has 12" strainer nipple 1½" x 16' PR w/10' Liner 1 - 2' x %" rod sub 1 - 4' x %" rod sub 1 - 8' x %" rod sub 174 3/" rods 20 - 1/2" rods Rod Data:

> Cmt'd w/185 sx, cmt circ to surface DV Tool @ 2399-2401' (CBL) Cmt 2nd Stage w/450 sx cmt circ to surface

TOC 1st Stage @ 3642' (CBL)

145 joints 2%" tubing

Marmaton Pfs: 4496-4500' Marmaton Pfs: 4488-90' Altamont Pfs: 4508-10' Altamont Pfs: 4514-16' Altamont Pfs: 4520-22' Altamont Pfs: 4526-28' Altamont Pfs: 4530-32' Altamont Pfs: 4542-44' Altamont Pfs: 4556-58'

2% x 5%"TAC @ 4707" set w/11,000# tension

5 joints 2%" tubing

Johnson Zone Pfs: 4723-26' Johnson Zone Pfs: 4740-42' Johnson Zone Pfs: 4746-48' Johnson Zone Pfs: 4750-55' LS Prod Csg: 5½" 15.5# J-55 @ 4929'
Cmt 1st Stage w/175 sxs
PBTD: 4886' PBTD (5½" Baffle)
4883' PBTD (CBL)

4930'

TD:

2%" SN @ 4871' 7' x 2%" Mud anchor open ended EOT @ 4880'

KCC WICHITA

NOV 12 2013

AFFIDAVIT OF NOTICE SERVED

Landmark Resources, Inc Application for: Re:

Legal Location: NE SE NE SE Sec. 9-T17S-R34W Decker 2-9 Well Name: The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on day of September, 2013, a true and correct copy of the application referenced above was delivered or mailed to the following parties: the

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

Jame

Address

Landmark Resources, Inc.

1616 S. Voss Rd, Suite 600 Houston, TX 77057

Landmark Resources, Inc. is the sole oil and gas operator within lpha mile of the above named well.

Signed this 19th day of September, 2013.

REBECCA S. PITTS
Notary Public, State of Texas
My Commission Expires
April 11, 2016

Jeffrey R. Wood, President Applicant or Duly Authorized Agent

1976 day of Supportunity

Subscribed and sworn to before me this

2013

Notary Public

My Commission Expires: MALL 11 201

application. The petition shall include a clear and concise statement of the direct and substantial interest of the Protestant in the proceedings, including the manner in which the Protestant may be affected, and applicant by mail or personal service at the same time or before the Protestant files the protest with the Protests may be filed by any party having a valid interest in the application. Petitions for protests shall the nature, extent, character and grounds of the protest. Protestants shall serve the protests upon the be in writing and shall clearly identify the name and address of the Protestant and the title of the Conservation Division.

CERTIFICATE OF SERVICE

within a 1/2 mile radius of Landmark Resources, Inc. Operator, Lessee or Unleased Mineral Owner

1,935FSL and 162FEL Section 9-T17S-R34W Scott County, Kansas Decker 2-9

Landmark Resources, Inc. is filing with the Kansas Corporation Commission, Oil & Gas Conservation Division, an Application for Commingling of Production (ACO-4) on the above referenced well. Pursuant to K.A.R. 82-3-135a (b), you are hereby notified of such action.

Landmark Resources, Inc. ALL Section 9-T17S-R34W

1616 S. Voss Road, Suite 600 Houston, Texas 77057

1616 S. Voss Road, Suite 600 Landmark Resources, Inc. Landmark Resources, Inc. Houston, Texas 77057 N/2 Section 16-T17S-R34W

W/2 Section 10-T17S-R34W

Landmark Resources, Inc. Houston, Texas 77057 N/2 Section 15-T17S-R34W

1616 S. Voss Road, Suite 600

1616 S. Voss Road, Suite 600 Houston, Texas 77057 KCC WICHITA RECEIVED NOV 12 2013

AFFIDAVIT

STATE OF KANSAS

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 uninterruptedly published in said County for more in the City of Wichita, County of Sedgwick, State matter at the United States Post Office in Wichita, 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 Kansas, and which said newspaper is not a trade, newspaper has been entered as second class mail of Kansas, and having a general paid circulation than one year prior to the first publication of the notice hereinafter mentioned, and which said on a daily basis in said County, which said newspaper has been continuously and

made as aforesaid on the 27th

September A.D. 2013, with

subsequent publications being made on the following dates:

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

Subscribed and sworn to before me this

27th day of September, 2013

JENNIFER RAE BAILEY
My Appt. Expires 9 1 2017

Notary Public Sedgwick County, Kansas

Printer's Fee : \$98.80

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE ON FRIDAY, SEPTEMBER 27, 2013 (3266547)
BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OR FORNSAS NOTICE OF FILING APPLICATION
RE: Landmark Resouces, inc. Application for Comminging of Production in the Decker 2-9 in Scott County, Kansas.
TO: All Oil and Gas Producers, unleased Mineral Interest Owners, Landowners, and all persons whosoever concerned.
You, and each of you, are hereby notified an application to commilise the Marmaton and Cherokee producing formations at the Decker 2-9, located 1935 from the south line and 162 from the east line of SE/4 Sec. 9-1175-34W in Scott County, Kansas.
Any persons who object to or protest this application shall be required to file their objections or profests with the Conservation Division of the State Corporation Commission of the State of Kansas within filteen (15) days from the date of publication. These profests shall be filled pursuant to Commission regulations and must state specific reasons waste, violate correlative rions, or native the

KCC WICHITA NOV 12 2013

Proof of Publication

Affidavit of Publication STATE OF KANSAS, SCOTT COUNTY, ss:

Rodney R. Haxton, being first duly sworn, deposes and says that he is editor of The Scott County Record, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Scott County, Kansas, with a general paid circulation and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a weekly, published at least 50 times a year in said county, and has been admitted as second class matter at the post office of Scott City in said county.

true copy thereof and was published in

Public Notice

(First published in The Scott County Record on Thurs., Sept. 26, 2013)1t BEFORE THE STATE COR-PORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING
APPLICATION
RE: Landmark Resou

RE: Landmark Resources, Inc. Application for Commingling of Production in the Decker 2-9 in Scott County, Kansas.

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

You, and each of you, are hereby notified that Landmark Resources, Inc. has filed an application to commingle the Marmaton and Cherokee producing formations at the Decker 2-9, Iocated 1935' from the south line and 162' from the east line of SE/4 Sec. 9-T17S-

34W in Scott County, Kansas.

grant of the application may to or protest this application shall be required to file their objections or protests with the Conservation Division of sas within fifteen (15) days Commission ural resources of the State of Any persons who object the State Corporation Comfrom the date of publication. These protests shall be filled regulations and must state specific reasons why the mission of the State of Kantive rights, or pollute the natcause waste, violate correla-9 pursuant Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accord-

ingly.
Landmark Resources, Inc.
1616 S. Voss Road, #600

Houston, TX 77057

day of

fore me this

athy Hayten North North

My commission expires S/L

My Commission State of Familie Harrow
State of Familie
Families of Policy
KCC WICHITA

CONFIDENTIAL OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

DPERATOR: License # 6113	API No. 15 - 15-171-20958-00-00
Name:Landmark Resources, Inc.	Spot Description:
Address 1: 1616 S VOSS RD STE 600	NE_SE_NE_Sec. 9 Twp. 17 S. R. 34 Sest V West
Address 2:	1935 Feet from North / South Line of Section
City: HOUSTON State: TX Zip: 77057 + 2641	162 Feet from [V] East / Mest Line of Section
Contact Person:Jeff Wood	Footages Calculated from Nearest Outside Section Corner:
Phone: (713_)_243-8550	NE NW SE SW
CONTRACTOR: License # 30606	
Vame:Murfin Drilling Co., Inc.	Lease Name: Decker Well #: 2-9
Wellsite Geologist: Terry McLeod	
Purchaser:	Producing Formation: Marmaton/Altamont/Johnson Zone
Designate Type of Completion:	Elevation: Ground: 3124 Kelly Bushing: 3135
▼ New Well	Total Depth: 4930 Plug Back Total Depth: 4886
MOIS dMS MSM IIO	Amount of Surface Pipe Set and Cemented at: 227 Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? 📝 Yes 🗌 No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: 2700 Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:
f Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Urilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	160
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	d: Evaporated
Ding Book	I pration of fluid disposal if baulad officits.
Commingled Permit #:	Location of haid disposal if hadiad offsite.
tion	Operator Name:
SWD Permit #:	ame:License #:
☐ ENHR Permit #:	QuarterSecTwpS. R East _West
GSW Permit #:	County:Permit #:
Spud Date or Date Reached TD Completion Date or Aecompletion Date	

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 WICHITA NOV 12 2013 RECEIVED KCC Office Use ONLY Letter of Confidentiality Received Date: 08/20/2013 Confidential Release Date:

N



Operator Name: Landmark	idmark Resources, Inc.	es, Inc.		Lease Name:	ame: Decker	er		Well #: 2-9		
Sec. 9 Twp.17	S. R. 34	East 🗸	✓ West	County:	Scott					
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.	ow important tops and she sed, flowing and she se if gas to surface to trach final geologica	nd base of for ut-in pressure: est, along with	mations pe s, whether n final charl ort.	netrated. Det shut-in pressi (s). Attach ex	ail all cores. ure reached s tra sheet if m	Report all tratic level, tore space	inal copies of dri hydrostatic press is needed. Attac	Il stems tests g ures, bottom h h complete co	Report all final copies of drill stems tests giving interval tested, itatic level, hydrostatic pressures, bottom hole temperature, fluir lore space is needed. Attach complete copy of all Electric Wire	fluid Mire-
Drill Stem Tests Taken (Attach Additional Sheets)	sheets)	✓ Yes	% 		√ Log	Formation	Formation (Top), Depth and Datum	d Datum	Sample	
Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically	ogical Survey 1 Electronically	Yes Yes Yes	2 222		Name Attached			Top Attached	Datum Attached	
List All E. Logs Run: Attached										
		Report	CASING	CASING RECORD	New Standard	Used	0,00			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	asing O.D.)	Weight Lbs. / Ft.	t (c)	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	ant
Surface	12.25	8.625		23	227		Class A Commom	185	2% gel, 3% cc	
Production	7.875	5.50		15.50	4929		ASC	175	6# gil 10%salt 2% gel	% gel
Production	7.875	5.50		15.50	2400		Class A Lite	450	1/4# flo-cel	
			ADDITIONA	ADDITIONAL CEMENTING / SQUEEZE RECORD	3 / SQUEEZE	RECORD				
Purpose: —— Perforate	Depth Top Bottom	Type of Cement	Sement	# Sacks Used	sed		Type and Pe	Type and Percent Additives		
Protect Casing Plug Back TD										
——— Plug Off Zone	1									
Shots Per Foot	PERFORATI Specify	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Bridge Plue	gs Set/Type rforated		Acid, Fract	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Squeeze Record erial Used)	J Depth	£
Attached	Attached				Atta	Attached			Attached	ped
								KCC V	KCC WICHITA	
								NOV 1	NOV 1.2 2013	
TUBING RECORD:	Size: 2 3/8	Set At:		Packer At: N/A	Liner Run:		Yes 🗸 No	RE(RECEIVED	
Date of First, Resumed Production, SWD or ENHR. 8/7/2013	Production, SWD or EN		Producing Method:	hod:	Gas Lift		Other (Explain)			
Estimated Production Per 24 Hours	30 30	Bbls.	Gas	Mcf	Water	Bbls.		Gas-Oil Ratio	Gravity 25	
DISPOSITION OF GAS:	N OF GAS:			METHOD OF COMPLETION:	OMPLETION:			PRODUCTIO	PRODUCTION INTERVAL:	
Vented Sold	✓ Used on Lease	Open Hole		Perf.	Ubually Comp. (Submit ACO-5)	Commingled (Submit ACO-4)	1	4488-4755		
(If vented, Submit ACO-18.)	mit ACO-18.)	Othe	Other (Specify)							

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 2-9
Doc ID	1153432

All Electric Logs Run

Sonic Cement Bond Log
Dual Induction Log
Dual Compensated Porosity Log
Microresistivity Log
Borehole Compensated Sonic Log

Form	ACO1 - Well Completion
Operator Lar	Landmark Resources, Inc.
Well Name Dec	Decker 2-9
Doc ID 115	1153432

Tops

edo -		
Name	Тор	Datum
Anhydrite	2434	701
B/Anhydrite	2451	684
Торека	3762	-627
Heebner	4002	-867
Toronto	4020	-885
Lansing	4048	-913
0	4089	-954
D	4103	-968
Э	4150	-1015
Щ	4168	-1033
Muncie Creek	4235	-1100
Н	4247	-1112
	4285	-1150
J	4310	-1175
Stark Shale	4340	-1205
×	4343	-1208
Γ	4396	-1261
BKC	4433	-1298
Marmaton	4496	-1361
Altamont	4508	-1373
Pawnee	4573	-1438
Myrick Station	4599	-1464
Fort Scott	4617	-1482
Cherokee	4644	-1509

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 2-9
Doc ID	1153432

Sdo

lops		
Name	Тор	Datum
Johnson Zone	4700	-1565
Up Morrow Sand	4848	-1713
Missippian	4858	-1723

West and the second sec	
Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 2-9
Doc ID	1153432

Perforations

Ollows City			
Shots Per Foot	Perforation Record	Material Record	Depth
2	4488-90', 4496-4500' 3000 gal 15% MCA w/FE	3000 gal 15% MCA w/FE	4488-4558'
2	4508-10', 4514-16'	3000 gal 15% MCA w/Fe	4488-4558'
2	4520-22',4526-28',	15,000 gal 20% gelled 4488-4558 acid	4488-4558'
5	4530-32', 4542-44'	15,000 gal 20% gelled 4488-4558 acide	4488-4558'
2	4556-58', 4723-26',	1500 gel 15% MCA w/FE	4723-55'
2	4740-42', 4746-48'	1500 gel 15% MCA w/FE	4723-55'
2	4750-55'	8000 gal 20% gelled 4723-55' acid	4723-55'



PO Box 93999 Southlake, TX 76092

(817) 546-7282 (817) 246-3361 Voice:

BIII To:

Landmark Resources, Inc. 1616 S. Voss Suite 600 Houston, TX 77057-1264

JUL 08 2013

H 4350 H UII UI NA

R 4350 H UII UI NA

LOCAR

Invoice Number: 137057

Jun 29, 2013 Invoice Date:

Page:

Now Includes: Kreat-Em-Rife

Terms	Jays	Due Date	7/29/13
Payment Terms	Net 30 Days	Service Date	Jun 29, 2013
Field Ticket#	60810	Camp Location	Oakley
Customer ID	Land	Job Location	KS1-01

				001120, 2010	2	1123113	
Quantity	Item	Dec	Description	Juli	Unit Price	Amount	198
		Decker #2-9					
185.00 MAT	MAT	Class A Common			17.90	3,311.50	20
4.00	MAT	Gel			23.40	93.60	90
7.00 MAT	MAT	Chloride		***************************************	64.00	448.00	8
200.05	SER	Cubic Feet		*************	2.48	496.12	12
456.50	SER	Ton Mileage		**************************************	2.60	1,186.90	8
1.00	SER	Surface	APPROVED IIII 0 9 2017	21.06	1,512.25	1,512.25	25
50.00 SER	SER	Pump Truck Mileage		7.0.7	7.70	385.00	8
50.00	SER	Light Vehicle Mileage			4.40	220.00	8
1.00	CEMENTER	Alan Ryan		April 2 d Million State Control			
1.00	1.00 EQUIP OPER	Wayne McGhghy					
1.00	1.00 OPER ASSIST	Kevin Ryan		* • •	8		
					37334		
			1.97	3.18+			
		20/10	00000	-88.6			
			(
			000	5,983.3*			
		270000000000	Commercial and Commer	The state of the s		N/I	

		2000		***********	0000-00 01 000		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

319.81 7,973.18

7,653.37

7,973.18

1,989.88

69

Payment/Credit Applied Total Invoice Amount

TOTAL

Sales Tax Subtotal

ONL Y IF PAID ON OR BEFORE Jul 24, 2013

KCC WICHTA NOV 12 2013

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

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

November 15, 2013

Heather Bain Landmark Resources, Inc. 1616 S Voss Rd, Ste 600 Houston, TX 77057-2641

RE: Approved Commingling CO111303

Decker 2-9, Sec.9-T17S-R34W, Scott County

API No. 15-171-20958-00-00

Dear Ms. Quoy-Hain:

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 November 15, 2013, 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
Marmaton/Altamont	34.0	0.0	2.5	4488-4558
Johnson/Cherokee	51.0	0.0	2.5	4723-4755
Total Estimated Current Production	85.0	0.0	5.0	

Based upon the depth of the Johnson/Cherokee formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO111303 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