



KANSAS CORPORATION COMMISSION 1075925
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 #* _____

OPERATOR: License # _____ API No. 15 - _____
Name: _____ Spot Description: _____
Address 1: _____ - - - - - Sec. _____ Twp. _____ S. R. _____ East West
Address 2: _____ Feet from North / South Line of Section
City: _____ State: _____ Zip: _____ + _____ Feet from East / West Line of Section
Contact Person: _____ County: _____
Phone: (_____) _____ Lease Name: _____ Well #: _____

1. Name and upper and lower limit of each production interval to be commingled:
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____

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: _____
Approved By: _____ Date: _____

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.

OXY
ADAMS F 2
ACTIVE
PROD_GAS

OXY
GARRISON B 1
ACTIVE
PROD_OIL

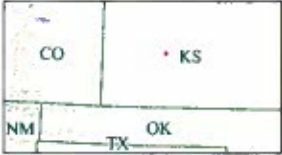
OXY
OLIVER A 1
ACTIVE
PROD_GAS

OXY
BRINKMAN D 2
APPROVED
PROD_OIL

OXY USA INC
BRINKMAN - D-1
DRY HOLE, TEMP ABND

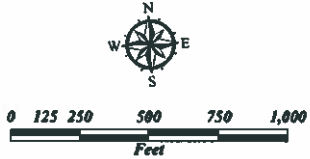
OXY
BRINKMAN C 1
ACTIVE
PROD_OIL

OXY
BRINKMAN A 3
ACTIVE
PROD_GAS



Legend

- OXY WELL
- 1/2 Mile Buffer



Mid-Continent

SURFACE MAP

Garrison B-1
14-275-34W
2217 FSL & 1665 FEL
Haskell Co., KS!

Prepared By:	Drawn By:	Checked By:	Review Period:
Design:	Issue:	Date:	
Project:	Sheet:	Sheet Count:	
File Name:	Scale:	Map:	

AFFIDAVIT OF NOTICE SERVED

RE: Application for: OXY USA Inc.

Well Name: Garrison B-1 Legal Location NE NW SE S-14 T-27S R-34W

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 8th day of March, 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.

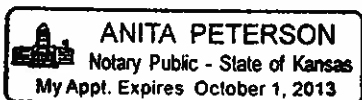
Name

Address (attach additional sheets if necessary.)

Norma Jean O'Neal (Surface Owner)
Oxy USA, Inc.

13 E 127th St., Kansas City, KS 64145
P.O. Box 2528, Liberal, KS 67905

Signed this 8th day of March, 2012.



[Handwritten signature]

[Handwritten signature]

Laura Beth Hickert
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 8th day of March, 2012

[Handwritten signature]
Notary Public

My Commission Expires: Oct. 1, 2013

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the Protestant and the title of the 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 the nature, extent, character and grounds of the protest. Protestants shall serve the protests upon the applicant by mail or personal service at the same time or before the Protestant files the protest with the Conservation Division.

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 29th of

December A.D. 2011, 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

29th day of December, 2011



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$108.40

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
DECEMBER 29, 2011 (3160890)
BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: OXY USA, Inc. Application for order to
commingle St. Louis and Morrow sources
of supply in Garrison B-1 well, located in
Sec. 14, Twp. 27S R. 34W, Haskell County,
Kansas.
TO: All Oil and Gas Producers, Unleased
Minerals Interest Owners, Landowners,
and all persons whosever concerned.
You, and each of you, are hereby notified
that OXY USA, Inc. has filed an application
to commingle the production from the St.
Louis and Morrow sources of supply in the
Garrison B-1 well, located in the SE 1/4 of Sec.
14 Twp 27S R 34W in Haskell County, Kansas.
Any persons who object to or protest this
application shall be required to file their
objections or protests 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 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.
OXY USA, Inc.
P.O. Box 2528
Liberal, KS 67905
(620)-629-4200

Proof of Publication

STATE OF KANSAS
COUNTY OF HASKELL

SS.

Rolf Jungclas

being first duly sworn, deposes and says that he/she is editor of **THE HASKELL COUNTY MONITOR-CHIEF**, a weekly newspaper printed in the State of Kansas and published in and of general circulation in Haskell County, Kansas, with a general paid circulation on a weekly basis in Haskell 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 Sublette 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 week(s). The first publication thereof being made as aforesaid on the

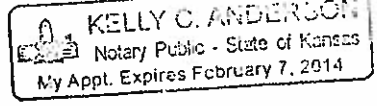
4 day of Jan, 20 12,
with subsequent publications being made on the following dates:

_____, 20_____
_____, 20_____
_____, 20_____
_____, 20_____
_____, 20_____

(Sign) Rolf Jungclas
Witness my hand this 4 day of Jan, 20 12

Kelly C Anderson
(Notary Public)

My commission expires 2-7-2014
Publication fee \$ 49.50
Affidavit, _____
Notary's Fee \$ _____
Additional Copies \$ _____
Total Fee \$ 49.50

(Seal) 

in Garrison B-1 well, located in Sec. 14, Twp 27S R 34W, Haskell County, Kansas.

TO: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosever concerned.

You, and each of you, are hereby notified that OXY USA Inc. has filed an application to commingle the production from the St. Louis and Morrow sources of supply in the Garrison B-1 well, located in the SE/4 of Sec. 14, Twp 27S R 34W in Haskell County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests 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 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.

OXY USA Inc.
P.O. Box 2528
Liberal, KS 67905
(620)-629-4200

Legal Notice

(Published in the Haskell County Monitor-Chief on January 4, 2012.)

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

RE: OXY USA Inc. Application for order to commingle St. Louis and Morrow sources of supply



CONFIDENTIAL WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5447
 Name: OXY USA Inc.
 Address 1: 5 E GREENWAY PLZ
 Address 2: PO BOX 27570
 City: HOUSTON State: TX Zip: 77227 + 7570
 Contact Person: LAURA BETH HICKERT
 Phone: (620) 629-4253
 CONTRACTOR: License # 33784
 Name: Trinidad Drilling Limited Partnership
 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: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____

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 #: _____

<u>08/05/2011</u>	<u>08/10/2011</u>	<u>09/27/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-081-21958-00-00

Spot Description: _____
SW NE NW SE Sec. 14 Twp. 27 S. R. 34 East West
2217 Feet from North / South Line of Section
1665 Feet from East / West Line of Section

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

County: Haskell
 Lease Name: GARRISON Well #: B-1
 Field Name: _____
 Producing Formation: ST. LOUIS & MORROW
 Elevation: Ground: 2985 Kelly Bushing: 2996
 Total Depth: 5406 Plug Back Total Depth: 5362
 Amount of Surface Pipe Set and Cemented at: 1818 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: 4900 ppm Fluid volume: 1500 bbls
 Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
 Operator Name: NICHOLS FLUID SERVICE
 Lease Name: JOHNSON License #: 31983
 Quarter NW Sec. 16 Twp. 34 S. R. 32 East West
 County: SEWARD Permit #: D27805

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	
<input checked="" type="checkbox"/> Letter of Confidentiality Received	Date: <u>12/01/2011</u>
<input type="checkbox"/> Confidential Release Date: _____	
<input checked="" type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	
ALT <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Approved by: <u>NAOMI JAMES</u> Date: <u>12/05/2011</u>



1069241

Operator Name: OXY USA Inc. Lease Name: GARRISON Well #: B-1
 Sec. 14 Twp. 27 S. R. 34 East West County: Haskell

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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	12.25	8.625	24	1818	A-CON/ PREM +	545	SEE ATTACHED
PRODUCTION	7.875	5.5	17	5405	50-50 POZ	265	SEE ATTACHED

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
Attached	Attached	Attached	Attached

TUBING RECORD: Size: <u>2.875</u> Set At: <u>5202</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/05/2011</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. <u>129</u>	Gas Mcf <u>0</u>	Water Bbls. <u>3</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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: <u>ST. LOUIS</u> <u>MORROW</u>
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Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	GARRISON B-1
Doc ID	1069241

All Electric Logs Run

CEMENT BOND LOG
MICROLOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	GARRISON B-1
Doc ID	1069241

Tops

Name	Top	Datum
CHASE	2566	
COUNCIL GROVE	2813	
HEEBNER	3932	
TORONTO	3942	
LANSING	4014	
MARMATON	4576	
CHEROKEE	4716	
ATOKA	4931	
MORROW	4985	
CHESTER	5075	
ST. GENEVIEVE	5119	
ST. LOUIS	5150	

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	GARRISON B-1
Doc ID	1069241

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5155-5162 ST. LOUIS	20 BBL 7% KCL	5155-5162
		ACID 16 BBL 15% FE MCA	5155-5162
		FLUSH 30 BBL 7% KCL	
4	5054-5068 MORROW	20 BBL 7% KCL	5054-5068
		FRAC 17377 X FRAC 20, 5000# 16/30 BRADY SAND	5054-5068
		682248 SCF N2	

Attachment to Garrison B-1 (API # 15-081-22958)

Cement & Additives

String	Type	# of Sacks Used	Type and Percent Additives
Surface	A-Con	Lead: 395	3% CC, 1/4# Cellflake, 0.2% WCA1
	Prem +	Tail: 150	2% CC, 1/4# Cellflake
Production	50-50 Poz	265	5% W-60, 10% Salt, 0.6% C-15, 1/4# Defoamer, 5# Gilsonite 1/4# Polyflake

March 26, 2012

Laura Beth Hickert
OXY USA, Inc.
5 E Greenway Plz
Houston, TX 77227-7570

RE: Approved Commingling CO031201
Garrison B-1, Sec.14-T27S-R34W, Haskell County
API No. 15-081-21958-00-00

Dear Ms. Hickert:

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 March 8, 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	
St. Louis	65.00	0	1.50	5155-5162
Morrow	64.00	0	1.50	5054-5068
Total Estimated Current Production	129.00	0.0	3.00	

Based upon the depth of the St. Louis 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 CO031201 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