



**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:**

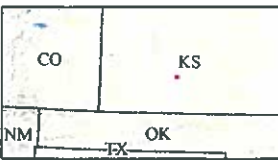
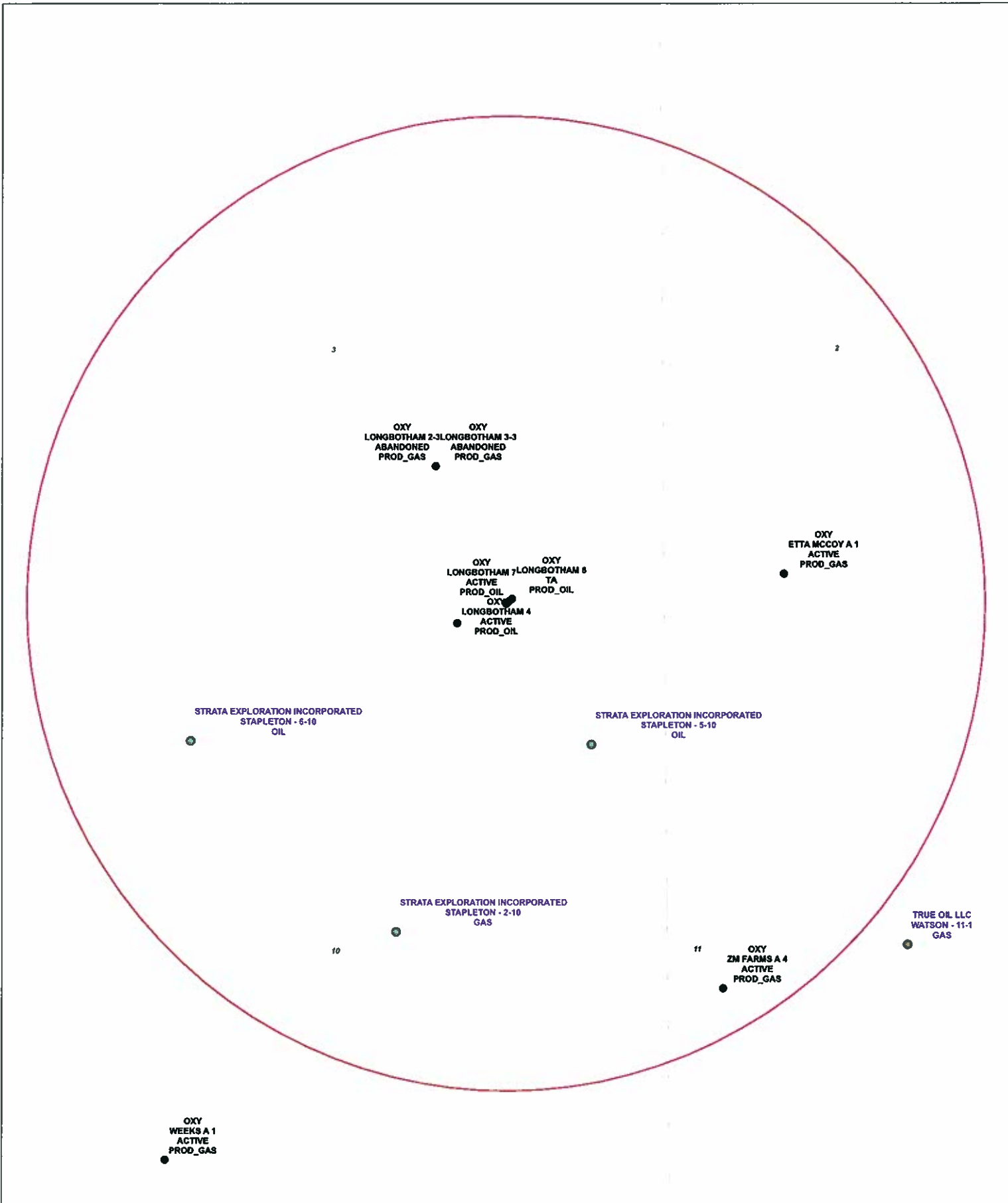
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**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**

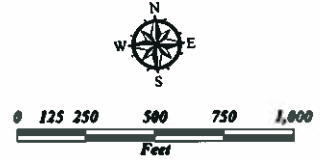
**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*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.*



**Legend**

- STRATA EXPLORATION INCORPORATED
- TRUE OIL LLC
- OXY WELL
- 12 Mile Buffer



**Mid-Continent**

**SURFACE MAP**  
 Longbotham #8  
 436° FSL 644° FEL  
 3-36S-32W  
 Haskell County

Sheet No.	Sheet Size	Scale	Sheet No.
11	11" X 17"	Scale 1:41,111	11

**AFFIDAVIT OF NOTICE SERVED**

RE: Application for : OXY USA Inc.

Well Name: Longbotham #6 Legal Location SE S-3 T-30S R-32W

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 3rd day of April, 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.)

Joan Stoppel Trustee  
The Living Trust of Alvin J. Stoppel (Surface Owner)  
Oxy USA, Inc.  
Strata Exploration, Inc.

P.O. Box 51, Sublette, KS 67877  
P.O. Box 2528, Liberal, KS 67905  
P.O. Box 401, Fairfield, IL 62837

Signed this 3rd day of April, 2012.

  
Laura Beth Hickert  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 3rd day of April, 2012

  
Notary Public

My Commission Expires: November 8, 2014

*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.*



# Proof of Publication

STATE OF KANSAS  
COUNTY OF HASKELL

SS.

Rolf Jungelas

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

22 day of March, 20 12, with subsequent publications being made on the following dates:

\_\_\_\_\_, 20 \_\_\_\_  
\_\_\_\_\_, 20 \_\_\_\_  
\_\_\_\_\_, 20 \_\_\_\_  
\_\_\_\_\_, 20 \_\_\_\_  
\_\_\_\_\_, 20 \_\_\_\_

(Sign) Rolf Jungelas  
Witness my hand this 21 day of March, 20 12

Kelly C Anderson  
(Notary Public)

My commission expires 2-7-2014  
Publication fee \$ 4950  
Affidavit, \_\_\_\_\_  
Notary's Fee \$ \_\_\_\_\_  
Additional Copies \$ \_\_\_\_\_  
Total Fee \$ 4950

(Seal) 

## Legal Notice

(Published in the Haskell County Monitor on Wednesday, March 21, 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 Chester sources of supply in Longbotham #6 well, located in Sec. 3 Twp 30S R 32W, Haskell County, Kansas.

TO: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosoever 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 Chester sources of supply in the Longbotham #6 well, located in the SE/4 of Sec. 3 Twp 30S R 32W 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

**AFFIDAVIT**

STATE OF KANSAS \  
- SS.  
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposes 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 17th of

March 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

19th day of March, 2012



*Penny L Case*  
Notary Public Sedgwick County, Kansas

Printer's Fee : \$108.40

**LEGAL PUBLICATION**  
PUBLISHED IN THE WICHITA EAGLE  
MARCH 17, 2012 (3174249)  
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 Chester sources of supply in Longboham #6 well, located in Sec. 3 Twp 30S R 32W, Haskell County, Kansas.  
TO: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosever concerned.  
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All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.  
OXY USA Inc.  
P.O. Box 2528  
Liberat, KS 67905  
(620)-629-4200





KANSAS CORPORATION COMMISSION 1070122  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

**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     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: \_\_\_\_\_

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>08/16/2011</u>	<u>08/26/2011</u>	<u>11/15/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-081-21960-01-00

Spot Description: \_\_\_\_\_

NE SW SE SE Sec. 3 Twp. 30 S. R. 32  East  West

436 Feet from  North /  South Line of Section

844 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Haskell

Lease Name: LANGBOTHAM Well #: 6

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

Producing Formation: ST. LOUIS CHESTER

Elevation: Ground: 2887 Kelly Bushing: 2898

Total Depth: 6110 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 1850 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: 12000 ppm Fluid volume: 5500 bbls

Dewatering method used: Evaporated

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: 12/14/2011
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NAOMI JAMEI Date: 01/19/2012



1070122

Operator Name: OXY USA Inc. Lease Name: LONGBOTHAM Well #: 6  
 Sec. 3 Twp. 30 S. R. 32  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: <b>Attached</b>	<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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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 <i>(Amount and Kind of Material Used)</i>	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: <u>2.0625</u> Set At: <u>5975</u> Packer At: _____		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed 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: <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, CHESTER</u>
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Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	LONGBOTHAM 6
Doc ID	1070122

All Electric Logs Run

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



Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	LONGBOTHAM 6
Doc ID	1070122

Tops

Name	Top	Datum
HEEBNER (ALL TVD)	4149	
LANSING	4197	
SWOPE	4687	
MARMATON	4828	
CHEROKEE	4991	
ATOKA	5143	
MORROW	5251	
CHESTER	5288	
ST. GENEVIEVE	5424	
ST. LOUIS	5488	

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	LONGBOTHAM 6
Doc ID	1070122

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5919-5926 ST. LOUIS	7 BBL 7% KCL	5919-5926
		FRAC 10924 GAL L FRAC 30 523068 SCF N2	5919-5926
		21200# 16/30 BRADY SAND	
6	5748-5755 CHESTER		5748-5755
		FRAC 12504 GAL X FRAC 30 512516 SCF N2	5748-5755
		36900# 20/40 BRADY SAND	

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	LONGBOTHAM 6
Doc ID	1070122

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Typ and Percent Additives
CONDUCTOR	26	16	0	40	GROUT	8	GROUT
SURFACE	12.25	8.625	24	1850	A-CON/ PREM +	570	SEE ATTACH ED
PRODUCTION	7.875	5.5	17	5375	50-50 POZ	250	SEE ATTACH ED
PRODUCTION LINER	5.5	4	10.7	6102	50-50 POZ	165	SEE ATTACH ED

April 18, 2012

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

RE: Approved Commingling CO041202  
Longbotham #6, Sec.3-T30S-R32W, Haskell County  
API No. 15-081-21960-01-00

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 April 3, 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	
Chester	19	38	15	5748-5755
St. Louis	6	12	5	5919-5926
Total Estimated Current Production	25	50	20	

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 CO041202 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