



KANSAS CORPORATION COMMISSION 1098886
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 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:

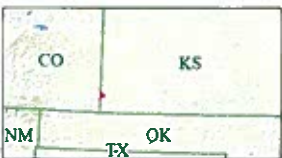
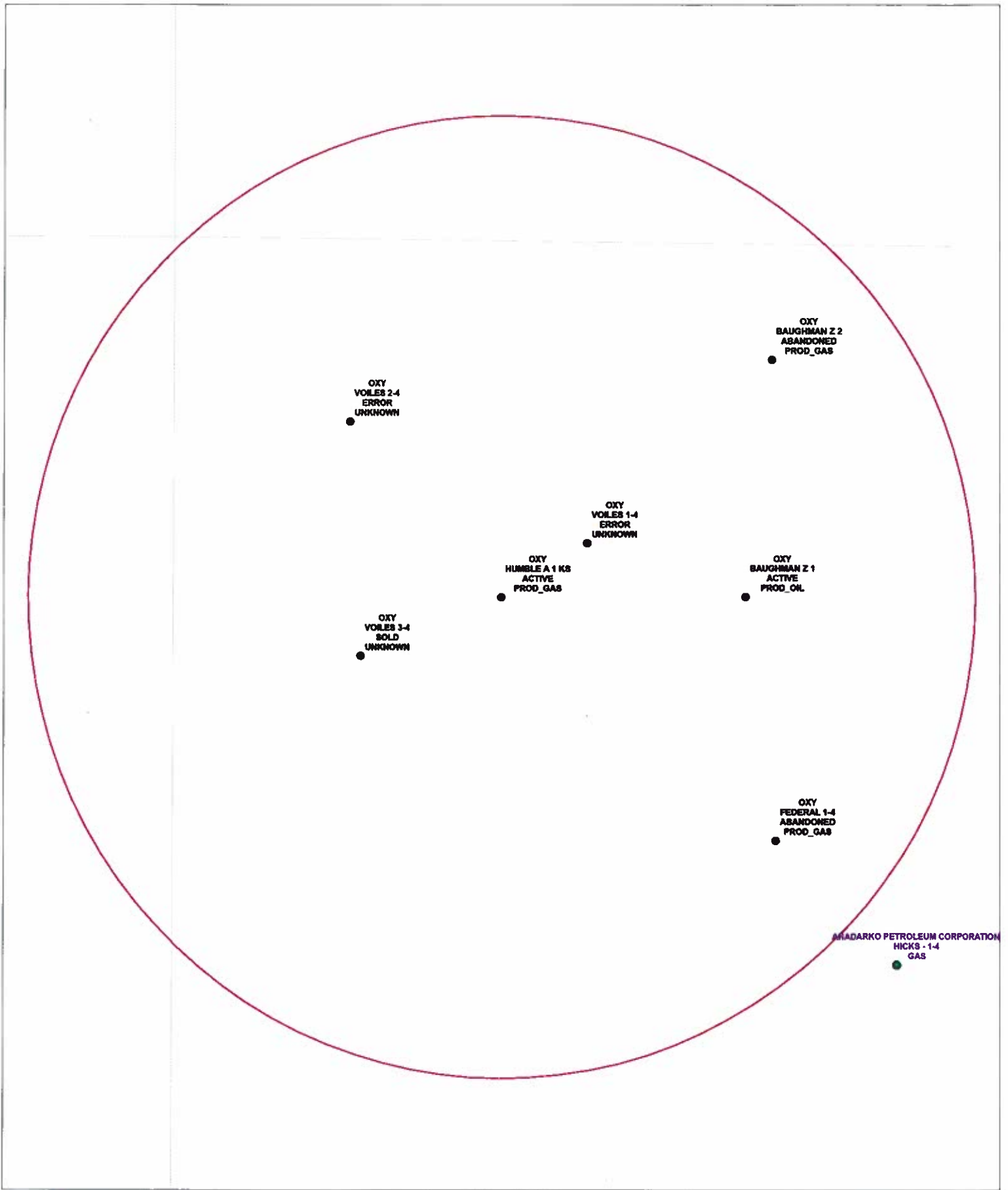
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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

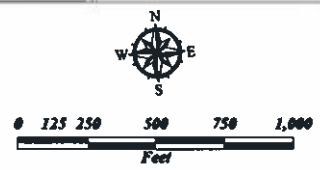
KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: _____

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

- OXY WELL
- ANADARKO
- 1/2 Mile Buffer



OXY Mid-Continent

SURFACE MAP

Humble A-1
4-335-43W
1900 FNL
1907 FELD

Project No.	Sheet No.	Scale	Drawing Number
100000	1	1" = 100'	100000-1

AFFIDAVIT OF NOTICE SERVED

RE: Application for: OXY USA Inc.

Well Name: Humble A-1 Legal Location: SE NW S-4 T-33S R-43W

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 26th day of October, 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.)

Wiley Osborn
Oxy USA, Inc.

P.O. Box 396, Elkhart, KS 67950
P.O. Box 2528, Liberal, KS 67905

Signed this 26th day of October, 2012.



[Handwritten signature]

[Handwritten signature: Laura Beth Hickert]

Laura Beth Hickert
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 26 day of October, 2012

[Handwritten signature: Anita Peterson]
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.

Proof of Publication

Notice of Filing Application
Humble A-1

Legal Notice

(First Published in The Elkhart Tri-State News, Elkhart, Kansas, on Thursday, July 26th, 2012.)

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

RE: OXY USA Inc. Application for order to commingle Topeka and Wabaunsee sources of supply in Humble A-1 well, located in Sec. 4 Twp 33S R 43W, Morton 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 Topeka and Wabaunsee sources of supply in the Humble A-1 well, located in the NW/4 of Sec 4 Twp 33S R 43W in Morton 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

Oxy USA Inc.

Publication Fee \$ 44.50

Karen L. Brady

Being first duly sworn, deposes and says: that she is the Publisher of the ELKHART TRI-STATE NEWS, a weekly newspaper published in the State of Kansas, with a general paid circulation on a weekly basis in Morton County, Kansas, and that said newspaper is not a trade, religious or fraternal publication. Said newspaper is a weekly, published at least 50 times a year; and 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 Elkhart 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, publications thereof being made as aforesaid on the following dates:

<i>July 26</i> 2012	20
20	20
20	20
20	20

Karen Brady

Subscribed and Sworn to before me this

26 day of *July*, 2012

Daren R. Coen



Approved _____ 20__

Clerk or Judge

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, depose 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 26th of

July 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.

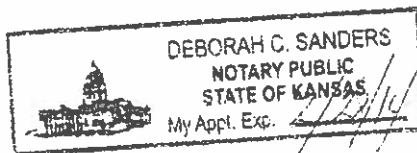
Mark Fletchall

Subscribed and sworn to before me this

26th day of July, 2012

Deborah C. Sanders
Notary Public Sedgwick County, Kansas

Printer's Fee : \$108.40



LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
JULY 26, 2012 (3198007)
BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: OXY USA Inc. Application for order
to commingle Topeka and Wabaunsee
sources of supply in Humble A-1 well,
located in Sec. 4 Twp 33S R 43W, Morton
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 Topeka
and Wabaunsee sources of supply in the
Humble A-1 well, located in the NW/4 of Sec 4
Twp 33S R 43W in Morton 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



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 # 34199
Name: Rawhide Well Service, LLC
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: OXY USA, INC.
Well Name: HUMBLE A-1
Original Comp. Date: 05/13/1953 Original Total Depth: 3320

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 #: _____

01/03/2012 01/16/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-129-10287-00-02

Spot Description: _____
_____ SE NW Sec. 4 Twp. 33 S. R. 43 East West
1980 Feet from North / South Line of Section
1980 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Morton
Lease Name: HUMBLE A Well #: 1

Field Name: GREENWOOD

Producing Formation: TOPEKA WABAUNSEE

Elevation: Ground: 3175 Kelly Bushing: 3185

Total Depth: 3320 Plug Back Total Depth: 3294

Amount of Surface Pipe Set and Cemented at: 600 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: 05/02/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 05/02/2012



1080157

Operator Name: OXY USA Inc. Lease Name: HUMBLE A Well #: 1
 Sec. 4 Twp. 33 S. R. 43 East West County: Morton

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ORIGINAL
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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

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
	DRILLED OUT CIBP @ 2900		2900

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3270</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>01/16/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>73</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>0</u>	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>TOPEKA</u> <u>WABAUNSEE</u>
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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

November 13, 2012

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

RE: Approved Commingling CO101216
Humble A 1, Sec.4-T33S-R43W, Morton County
API No. 15-129-10287-00-02

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 October 26, 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	
Wabaunsee	0.0	36.5	0.0	2700-2873
Topeka	0.0	36.5	0.0	2926-3256
Total Estimated Current Production	0.0	73.0	0.0	

Based upon the depth of the Topeka formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO101216 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