



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:

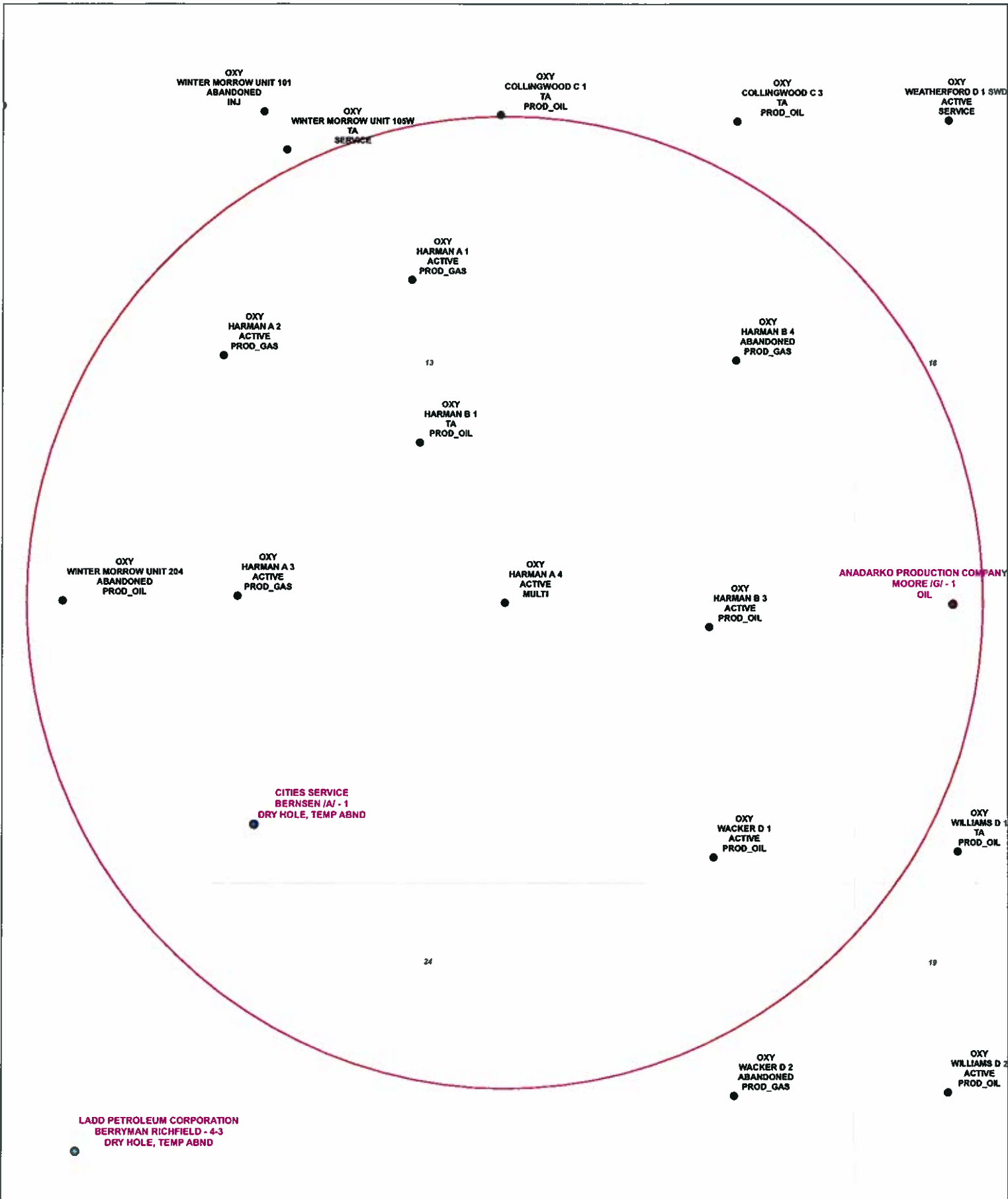
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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	
●	ANADARKO PRODUCTION COMPANY
●	CITIES SERVICE
●	LADD PETROLEUM CORPORATION
●	OXY WELL
○	1/2 MILE BUFFER



Mid-Continent			
SURFACE MAP			
Harmant A-4			
SW 13-33S-43W			
886 FSL 1960 FEL			
Prepared By	Drawn By	Checked By	Project Number
Date Plotted	Date Map Revised	Date	
Drawn At	Scale	Sheet	Sheet 2 of 2
By: [Signature]			

AFFIDAVIT OF NOTICE SERVED

RE: Application for : OXY USA Inc.

Well Name: Harman A-4 Legal Location SE Sec. 13-T33S-R43W

The undersigned hereby certifies that he/she is a duly authorized agent for the applicant, and that on the 28th day of October, 2011, 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.

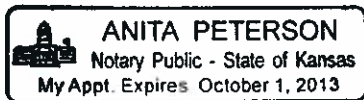
Name

Address (attach additional sheets if necessary.)

Abner Delay & Janiese Delay(Surface Owner)
Oxy USA, Inc.
Anadarko Petroleum Corp.

P.O. Box 1460, Elkhart, KS 67950
P.O. Box 2528, Liberal, KS 67905
P.O. Box 1330, Houston, TX 77251

Signed this 28th day of October, 2011.



[Handwritten signature]

[Handwritten signature]

Laura Beth Hickert
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 28th day of October, 2011

[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.

Legal Notice

(First Published in The Elkhart Tri-State News, Elkhart, Kansas, on Thursday, September 8th, 2011.)

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

RE: OXY USA Inc. Application for order to commingle Wabaunsee, Toronto, and Topeka sources of supply in Harman A-4 well, located in Sec. 13 Twp 33S R 43W, Morton County, Kansas.

TO: All Oil and Gas Producers, Un-Released Minerals Interest Owners, Landowners, and all persons whose ever concerned.

You, and each of you, are hereby notified that OXY USA Inc. has filed an application to commingle the production from the Wabaunsee, Toronto, and Topeka sources of supply in the Harman A-4 well, located in the SW/4 of Sec. 13 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 them-selves accordingly.

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

Proof of Publication

Notice of Filing Application

Harman A-4

Oxy USA Inc

Publication Fee \$ 60.20

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:

<u>September 8 2011</u>	20
20	20
20	20
20	20

Karen Brady

Subscribed and Sworn to before me this

8 day of September, 2011

Daren A. Coen



Approved _____ 20 _____

Clerk or Judge

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 7th of

September 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

7th day of September, 2011



Penny L Case
Notary Public Sedgwick County, Kansas

Printer's Fee : **\$113.20**

LEGAL PUBLICATION

Published in The Wichita Eagle
SEPTEMBER 7, 2011 (3139228)
 BEFORE THE STATE CORPORATION
 COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

RE: OXY USA Inc. Application for order to commingle Wabaunsee, Toronto, and Topeka sources of supply in Harman A-4 well, located in Sec. 13 Twp 33S R 43W, Morton 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 Wabaunsee, Toronto, and Topeka sources of supply in the Harman A-4 well, located in the SW/4 of Sec. 13 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

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 5447
Name: OXY USA, INC.
Address 1: P.O. BOX 27570
Address 2: _____
City: HOUSTON State: TX Zip: 77227 + _____
Contact Person: LAURA BETH HICKERT
Phone: (620) 629-4253
CONTRACTOR: License # _____
Name: _____
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: HARMAN B-2

Original Comp. Date: 11/20/1980 Original Total Depth: 5030

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>04/06/2011</u>	<u>05/17/2011</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15 - 129-20479-00-01
Spot Description: _____
SW NE SW SW Sec. 13 Twp. 33 S. R. 43 East West
666 Feet from North / South Line of Section
1,960 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: MORTON
Lease Name: HARMAN Well #: A-4
Field Name: _____
Producing Formation: WABAUNSEE, TOPEKA, TORONTO
Elevation: Ground: 3572 Kelly Bushing: 3581
Total Depth: 5030 Plug Back Total Depth: 3575
Amount of Surface Pipe Set and Cemented at: 1364 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 3967 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 #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: *Laura Beth Hickert*
Title: REGULATORY Date: 8/11/11

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: _____ Date: _____

Operator Name: OXY USA, INC. Lease Name: HARMAN Well #: A-4
 Sec. 13 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 Wireline 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: LOGS SUBMITTED WITH ORIGINAL COMPLETION REPORT	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
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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
CONDUCTOR	30	20		40		4	
SURFACE	12.25	8.625	24#	1364		775	
PRODUCTION	7.875	5.5	14#	5029		250	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2300-2590	CLASS H	150	SEE ATTACHED CEMENT REPORT

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
	SEE ATTACHED		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3401</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR: <u>05/17/2011</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>218</u>	Gas Mcf <u>25.5</u> Water Bbls. _____ Gas-Oil Ratio _____ 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 (Specify) _____	PRODUCTION INTERVAL: <u>WABAUNSEE, TOPEKA, TORONTO</u>
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Attachment to Harman A-4 (API # 15-129-20479)

Formation	Tops
WABAUNSEE	2656
TOPEKA	2894
HEEBNER	3202
TORONTO	3224
LANSING	3265
KANSAS CITY	3468
MARMATON	3840
CHEROKEE	4067
MORROW	4444
CHESTER	4958



Cement Report

Customer <i>OK</i>	Lease No.	Date <i>4-9-11</i>
Lease <i>Harrison</i>	Well # <i>2</i>	Service Receipt <i>01591</i>
Casing <i>5 1/2 15.5</i>	Depth <i>2640</i>	County <i>Morton</i> State <i>KS</i>
Job Type <i>Squeeze 247</i>	Formation	Legal Description <i>13-33-413</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2 15.5</i>	Tubing Size <i>2 3/8</i>	Shots/Ft		Lead Tail in <i>150 SK H</i> <i>2902 C</i> <i>1.2 FT 3-3B</i> <i>5.2 Gal-SK</i>
Depth <i>2640</i>	Depth <i>2611</i>	From <i>2638</i>	To <i>2640</i>	
Volume <i>-</i>	Volume <i>10.1 b/s</i>	From	To	
Max Press <i>1000</i>	Max Press <i>1000</i>	From	To	
Well Connection	Annulus Vol. <i>25 b/s</i>	From	To	
Plug Depth <i>2800</i>	Packer Depth <i>2611</i>	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1000</i>					<i>Arrive On Location</i>
<i>1010</i>					<i>Safety Meeting - Rig Up</i>
<i>1015</i>					<i>Pressure Test</i>
<i>1020</i>	<i>500</i>		<i>1.5</i>	<i>1.0</i>	<i>Load Backside</i>
<i>1001</i>		<i>1100</i>	<i>10</i>	<i>1.0</i>	<i>Load Tubing - Injection Rate</i>
<i>1015</i>		<i>900</i>	<i>10</i>	<i>1.0</i>	<i>Pump Mud Flush</i>
<i>1030</i>		<i>200</i>	<i>32</i>	<i>1.5</i>	<i>Pump 150 SK cont @ 15.8 #/s</i>
<i>1055</i>					<i>Wash Pump and Lines</i>
<i>1100</i>		<i>400</i>	<i>10</i>	<i>1.0</i>	<i>Displace</i>
<i>1130</i>		<i>700</i>	<i>1</i>	<i>1.0</i>	<i>Displace</i>
<i>1150</i>		<i>1000</i>	<i>1</i>	<i>1.0</i>	<i>Displace</i>
<i>1200</i>		<i>600</i>	<i>16</i>	<i>1.5</i>	<i>Reverse Out</i>
					<i>Come Out w/all Tubing</i>
					<i>Job Complete</i>
					<i>Thanks for Using Basic Energy Services</i>

Service Units	<i>19620</i>	<i>3044 19919</i>	<i>19355-14784</i>		
Driver Names	<i>J. Dura</i>	<i>Rubon M</i>	<i>Victor U.</i>		

ICC
Customer Representative
Sony Buntt
Station Manager
J. Samuel Chava
Cementer

Attachment to Harman A-4 (API # 15-129-20479)

Addition Cementing/Squeeze Record				
Purpose	Depth	Type of Cement	# of Sacks	Type & Percent Additives

Perforation Record			
SPF	Perforation Record	Acid, Frac, Shot, Cement Squeeze	Depth
		CIBP	3575
4	3220'-3228', 3246'-3252' TORONTO	50 BBL 2% KCL	3220-3252
4	2910'-2920', 2926'-2938', 2944'-2960', 3006'-3036', 3090'-3100', 3138'-3150', 3160'-3180', 3196'-3210' TOPEKA		2910-3210
		ACID 500 GAL 17% DSFEHCL	2910-3252
4	2652'-2680', 2684'-2700', 2720'-2730', 2748'-2756', 2860'-2868' WABAUNSEE		2652-2868
		ACID 132 BBL 17% DSFEHCL WITH ADDITIVES FLUSH 20 BBL 2% KCL	2652-2868
		FRAC 28,600 GAL 70Q N2 FOAM 50,276# OF 12/20 SAND	2652-2730

November 14, 2011

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

RE: Approved Commingling CO101109
Berger A-3, Sec.22-T27S-R34W, Haskell County
API No. 15-081-21937-00-00

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 October 28, 2011 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	
Toronto	0	50	2.5	3220-3252
Topeka	0	50	2.5	2910-3210
Wabaunsee	0	130	4.00	2652-2868
Total Estimated Current Production	0.0	230	9.00	

Based upon the depth of the Toronto 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 CO101109 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