

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-4 Form must be typed March 2009

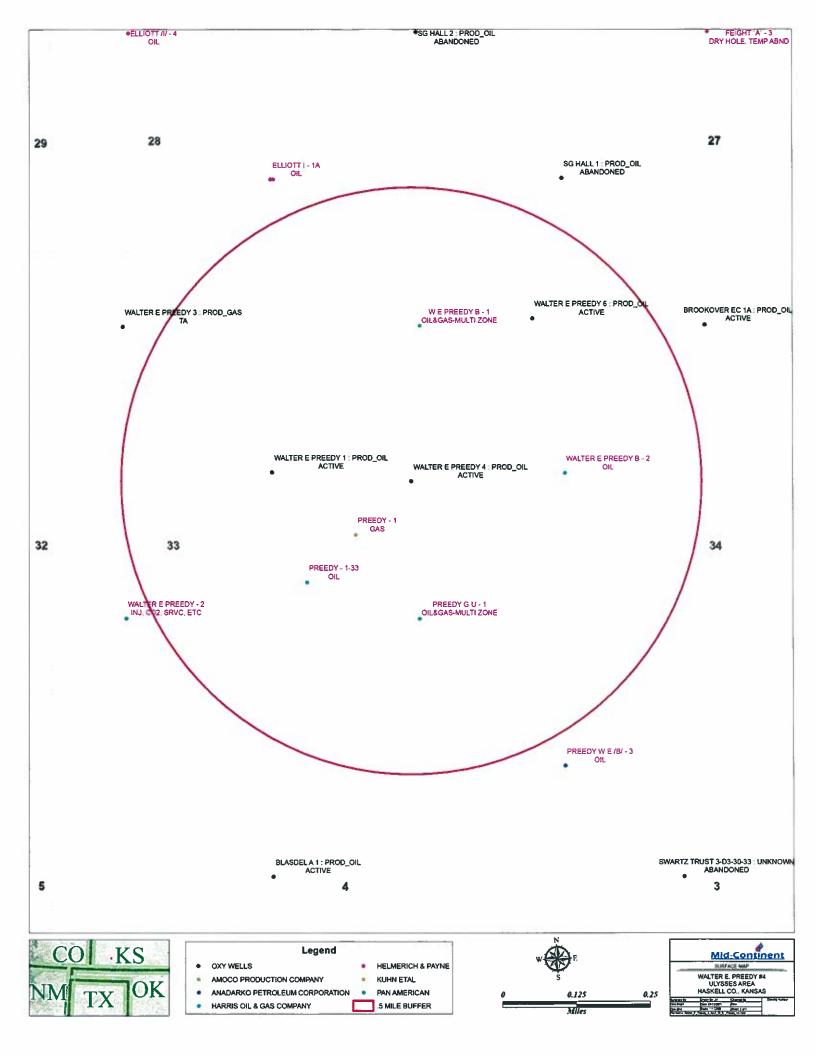
APPLICATION FOR COMMINGLING OF Commingling ID # PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

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:			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):				
	Formation:	(Perfs):				
	Formation:	(Perfs): _				
	Formation:	(Perfs):				
	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 ope	rator.	ses within a 1/2 mile radius of		
For Con	nmingling of PRODUCTION ONLY, include the following:					
<u> </u>	Wireline log of subject well. Previously Filed with ACO-1:	Yes No				
<u> </u>	Complete Form ACO-1 (Well Completion form) for the subject	well.				
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 comm	ningled.			
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.	Su	ıbmitted Electron	ically		
l —	C Office Use Only			t in the application. Protests must be e filed wihin 15 days of publication of		

Date: _

Approved By:

15-Day Periods Ends: _



AFFIDAVIT OF NOTICE SERVED

RE:	Application for:		OXY USA Inc.	
	Well Name:	W.E. Preedy #4	Legal Location _	NE SW SW NE Sec. 33-T29S-R33W
The un	dersigned hereby ce	rtifies that he/she is	a duly authorized agent for	the applicant, and that on the 23rd
day of	Septembe	er , <u>2011</u>	, a true and correct copy	of the application referenced above wa
deliver	red or mailed to the	following parties:		
NOTE:	A copy of this affidavit	must be served as a part o	f the application.	
Name			Address (attach additional	sheets if necessary.)
Bill & D	Dewees King (Surface Owing (Surface Owner)		1102 Mockingbird Lane, Garden (1935 Rd HH, Satanta, KS 67870	• •
	to Petroleum Corp. Dil & Gas Company		P.O. Box 1330, Houston, TX 7725 1620 Pennsylvania St., #3A, Denv 2225 W. Oklahoma Ave., Ulysses	ver, CO 80203
				,
Signed	I this <u>23rd</u> day of Se	eptember <u>, 2011</u> .		
	ANITA PETE Notary Public - Stat	e of Kansas	7	Mara Sort Holelet Laura Beth Hickert
	My Appt. Expires Octobe	er 1, 2013		Applicant or Duly Authorized Agent
Subscr	ibed and sworn to b	efore me this	3rd day of Sep	tember, 2011
			_ant	abtuson
Му Со	ommission Expires:	Oct. 1, 20	13	Notary Public

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 SS. COUNTY OF HASKELL JUNA 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 consecutive week(s). The first publication thereof being made as aforesaid on the with subsequent publications being made on the following dates: Witness my hand this (Notary Public) My commission expires ____ 2.7.2019 Publication fee Affidavit, Notary's Fee **Additional Copies** Total Fee

KELLY C. ANDERSON

Notary Public - State of Kansas ot, Expires February 7, 2014

(Seal)

(Published in the Haskell County Monitor-Chief on September 7, 2011.)

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

RE: OXY USA Inc. Application for order to commingle Lansing, Kansas City, Marmaton and Morrow sources of supply in W.E. Preedy #4 well, located in Sec. 33 Twp 29S R 33W, 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 Lansing, Kansas City, Marmaton and Morrow sources of supply in the W.E. Preedy #4 well, located in the NE/4 of Sec. 33 Twp 29S R 33W 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 anibas bas

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 3rd 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.

Fletchall

Subscribed and sworn to before me this

6th day of September, 2011

PENNY L. CASE Notary Public : My Appt. Expires

Notary Public Sedge ick County, Kansas

Printer's Fee: \$118.20

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE SEPTEMBER 3, 2011 (3)38975)

SEPTEMBER 3, 2011 (3138975)
BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS
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OXY USA Inc.
P.O. Box 2528
Liberal, KS 67905
(620)-629-4200



CONFIDENTIAL

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

1048366

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

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #5447		API No. 15 - 15-081-21916-00-00
Name: OXY USA Inc.		Spot Description:
Address 1: 5 E GREENWAY PLZ		NE_SW_NE_Sec33 Twp29 S. R33
Address 2: PO BOX 27570		Feet from North / □ South Line of Section
City: HOUSTON State: TX Zip	77227 + 7570	2,050 Feet from ▼ East / West Line of Section
Contact Person: LAURA BETH HICKERT		Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 629-4253		☑NE □NW □SE □SW
CONTRACTOR: License # 33784		County: Haskell
Name: Trinidad Drilling Limited Partnership		Lease Name: W. E. PREEDY Well #: 4
Wellsite Geologist; N/A		Field Name: VICTORY
Purchaser: TEXON		Producing Formation: MORROW, MARMATON, KANSAS CITY, LANSING
Designate Type of Completion:		Elevation: Ground: 2950 Kelly Bushing: 2961
✓ New Well Re-Entry	Workover	Total Depth: 5526 Plug Back Total Depth: 5481
Oil wsw swd	☐ slow	Amount of Surface Pipe Set and Cemented at: 1886 Fee
☐ Gas ☐ D&A ☐ ENHR	SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
✓ og □ gsw	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to: sx cmt
If Workover/Re-entry: Old Weil Info as follows:		
Operator:		Drilling Fluid Management Plan
Well Name:		(Data must be collected from the Reserve Pit)
Original Comp. Date: Original To	otal Depth:	Chloride content: 4800 ppm Fluid volume: 1500 bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to	ENHR Conv. to SWD	Dewatering method used: Hauled to Disposal
Conv. to	GSW	Dewatering metriod used.
Plug Back: Plu	g Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:		Operator Name: SHAWN OR BLANCHE HAYDEN dba HAYDEN OPERATING
Dual Completion Permit #:		Lease Name: MITCHELL License #: 33562
SWD Permit #:		
ENHR Permit #:		Quarter SE Sec. 18 Twp. 30 S. R. 33 East Wes
GSW Permit #:		County: HASKELL Permit #: 15-081-21074-00-02
08/23/2010 09/01/2010	10/14/2010	
Spud Date or Date Reached TD Recompletion Date	Completion Date or Recompletion 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 Office Use ONLY
Letter of Confidentiality Received Date: 12/20/2010
Confidential Release Date: ✓ Wireline Log Received ☐ Geologist Report Received ☐ UIC Distribution ALT ✓ I ☐ II ☐ III Approved by: NAOMI JAMES Date: 12/21/2010

Side Two



Operator Name: <u>OX</u>	<u>/ USA Inc.</u>			Lease	Name: _'	W. E. PREED	Y	_Well #:4_		
Sec. 33 Twp.29	s. R. <u>33</u>	East	✓ West	Coun	ty: Hask	ell				
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rate line Logs surveyed. At	sed, flowing and shu is if gas to surface te	t-in pressi st, along v	ures, whether si with final chart(s	hut-in pre	ssure read	ched static level,	hydrostatic pres	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S	heets)	 ✓ Y	es No	·	Øu	og Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geolo	ogical Survey	V	es No		Nam Attach			Top Attached		Datum tached
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	_ γ γ γ	es No		Allach	eu		Allacried	Λι	lacileu
List All E. Logs Run:										
Attached										
		Repo		RECORD		w Used	on, etc.			
Purpose of String	Size Hole Drilled		te Casing t (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
SURFACE	12.25	8.625	,	24		1886	A-CON/PREM PLUS	630	SEE A	TTACHED
PRODUCTION	7.875	5.5		17		5524	A-CON/50-50 POZO	310	SEE A	TTACHED
			ADDITIONAL	CEMENT	ING / SQL	EEZE RECORD	ı			
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	# Sad	ks Used		Type and	Percent Additives	,	
✓ Protect Casing — Plug Back TD	4210-4216	CL-H N	EAT	150						
Plug Off Zone	•									
Shots Per Foot	PERFORATI Specify I	ON RECOF	RD - Bridge Plug Each Interval Perl	s Set/Type	}		cture, Shot, Cemer		rd	Depth
Attached	Attached					Attached				Attached
8										
TUBING RECORD: Size: Set At: Packer At: Liner Run: 2.875 5412										
Date of First, Resumed F 11/05/2010	Production, SWD or EN	HR.	Producing Meth	nod: Pump	ing 🔲	Gas Lift 0	ther (Explain)			
Estimated Production Per 24 Hours	0il 70	Bbls.	Gas 85	Mcf	Wate 5	er Bt 55	ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	N OF GAS:		k.	AETHOD O	F COMPLE	TION:		PRODUCTI	ON INTER	VΔI ·
Vented ✓ Sold	Used on Lease			Perf.	Dually	Comp. 🗹 Con	nmingled 4	420-5344 MA		ne Nest
(If vented, Subr	<u>—</u>		Other (Specify)		(Submit A		nit ACO-4)	ORROW, KO		NG

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	W. E. PREEDY 4
Doc ID	1048366

All Electric Logs Run

ARRAY COMPENSATED RESISTIVITY LOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG
BOREHOLE SONIC ARRAY LOG
MICRO LOG

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	W. E. PREEDY 4
Doc ID	1048366

Tops

Name	Тор	Datum
HEEBNER	4068	-1107
LANSING	4124	-1163
MARMATON	4744	-1783
CHEROKEE	4925	-1964
ATOKA	5097	-2136
MORROW	5217	-2256
CHESTER	5351	-2390
ST. GENEVIEVE	5436	-2475

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	W. E. PREEDY 4
Doc ID	1048366

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5322-5326, 5336- 5344 MORROW	15 bbl 4% KCl	5322-5344
		3000 gal. 7% DS FeHCl w/ Additives	5322-5344
4	4756-4766, 4766- 4776 MARMATON	35 bbl 4% KCI	4756-4776
4	4784-4790, 4834- 4840 MARMATON	76 bbl 4% KCl	4784-4840
		3600 gal. 15% DS FeHCl w/ 10% Xylene & Additives	4754-4840
		Flush 1260 gal 4% KCl	
4	4608-4611, 4658- 4666 KANSAS CITY		4608-4666
		1500 gal. 15% DS FeHCl w/10% Xylene & Additives	4608-4666
		Flush 1218 gal. 4% KCl	
4	4420-4422 LANSING	25 bbl 4% KCl	4420-4422
		500 gal. 15% DS FeHCl w/10% Xylene & Additives	4420-4422
		Flush 1113 gal. 4% KCl	3336
4	4210-4216 LANSING (SQUEEZED)	78 bbl 4% KCl	4210-4216

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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

October 10, 2011

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

RE: Approved Commingling CO091105

W. E. Preedy #4, Sec.33-T29S-R33W, Haskell County

API No. 15-081-21916-00-00

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 September 23, 2011 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
Lansing	24	0	46	4420-4422
Kansas City	32	2	9	4608-4666
Marmaton	14	36	0	4756-4840
Morrow	0	47	0	5322-5344
Total Estimated Current Production	70	85	55	

Based upon the depth of the Morrow 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 CO091105 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