

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form U-8  
July 2014  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

16-CONS-679-CUIC

APPLICATION TO AMEND INJECTION PERMIT

2016-01-15 14:40:46

Kansas Corporation Commission

/s/ Amy L. Green

☐ Salt Water Disposal

☐ Repressuring

☒ Other Enhanced Recovery

Permit Number: E-30071

NW 1/4 Sec. 13 Twp. 21 S. R. 35 ☐ East ☒ West

1980 3450 Feet from ☒ North / ☐ South Section Line

330 1982 Feet from ☐ East / ☒ West Section Line

Lease: ~~CHRISTABELLE MORROW UNIT~~ Unruh

Well #: SCOTT 4-13 5 15-093-20.612-00-01

KEARNY

County, Kansas

Originally granted to: PETROSANTANDER (USA) INC.

(All information above this line taken from the original permit)

Current Operator: License # 32198 Exp. 09/30/16 Contact Person: LILIANA HERNANDEZ

Company Name: PETROSANTANDER (USA) INC. William F. Aspinwall  
(As listed on operator license)

Address: 6363 WOODWAY DRIVE, SUITE 350, HOUSTON, TX 77057

Phone: 713-784-8700

It is requested that the (caption) (paragraph # \_\_\_\_\_) of the original permit be amended as follows:

- ☐ A. Change the authorized injection pressure to: \_\_\_\_\_ psi maximum from the current permitted pressure of \_\_\_\_\_ psi.
- ☐ B. Change the authorized injection rate to: \_\_\_\_\_ bbl/day maximum from the current rate of \_\_\_\_\_ bbl/day.
- ☐ C. Add ( \_\_\_\_\_ ) or delete ( \_\_\_\_\_ ) the following leases/facilities supplying produced saltwater or other fluids approved by the Conservation Division.

Company Name	Lease Name	Lease Description
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____

(Attach additional sheets if necessary)

- ☒ D. Change the permit by: ( ADD ) add the following repressuring wells: SCOTT 4-13 ;  
( \_\_\_\_\_ ) change the injection formation; or ( \_\_\_\_\_ ) change well construction; or ( \_\_\_\_\_ ) other:

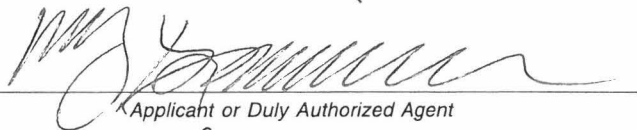
Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, Kansas 67202-1513

Paid \$200  
CK 18457  
12/17/15  
CE: 5 for \$100 Refund

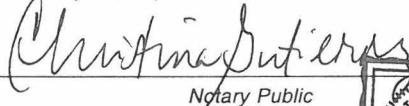
(Attach additional sheets if necessary)

Name SCOTT 4-13 Legal Description of Leasehold NW/4 13-21S-35WSEE ATTACHED LIST

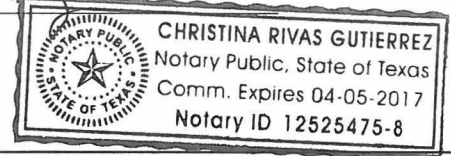
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.



Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 16th day of December, 2015.


Notary Public

My Commission Expires: April 5, 2017**Instructions for Form U-8***Application to Amend Injection Permit*

1. All requested changes in injection authority must be submitted with this form.
2. Complete the top portion, (side 1) of the form with the information requested for the pilot well, as shown on the original order or permit.
3. Complete the current operator information, listing the license number, current name and address, contact person and phone number.
4. Fill in the type of change or amendment desired. Leave blank any sections not applicable.
5. For amendments adding additional input wells to enhanced recovery permits, the following information must be submitted in addition to pages 1 and 2 of form U-8:
  - a) pages 1 and 2 of form U-1
  - b) an updated map, showing the new well(s) and all existing wells; page 4 of the form U-1.
  - c) a complete log of the well(s) to be added;
  - d) verification of cement (cement tickets, bond log, etc.)
6. Attach Affidavit of Notice Served, page 5 of form U-1.
7. Attach Affidavit of Publication from the official county newspaper.
8. This form must be signed by the applicant or an authorized agent. A notarization of the signature is required.
9. All applicable fees must accompany this application.

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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**APPLICATION FOR INJECTION WELL**

Form U-1  
July 2014  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: December 16, 2015

Operator License Number: 32198

Operator: PetroSantander (USA) Inc.

Address: 6363 Woodway Drive, Suite 350

Houston, TX 77057

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Contact Person: Liliana Hernandez

Phone: 713-784-8700

Email: lhernandez@petrosantander.com

Permit Number: E-30071

API Number: 15-093-21579

**Well Location**

     - NW- SW- NW Sec. 13 Twp. 21 S. R. 35 ☐ E ☒ W

3300 feet from ☐ N / ☒ S Line of Section

4950 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat:                     , Long:                       
(e.g. xx.xxxxx) (e.g. -xx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: NW/4 13-21S-35W

Lease Name: SCOTT Well Number: 4-13

Field Name: CHRISTABELLE

County: KEARNY

**Deepest Usable Water**

Formation:                     

Depth to Bottom of Formation:                     

Check One: ☒ Old Well Being Converted

☐ Newly Drilled Well

☐ Well to be Drilled

Surface Elevation: 3091 feet

Well Total Depth: 5000 feet

Plug Back Depth:              feet

Datum of top of injection formation:                      feet (reference mean sea level)

**Injection Formation Description:**

Name	top / bottom	perf / open hole	depth
<u>MORROW</u>	<u>                    </u> / <u>                    </u>	<u>PERF</u>	at <u>4875</u> to <u>4882</u> feet
<u>                    </u>	<u>                    </u> / <u>                    </u>	<u>                    </u>	at <u>                    </u> to <u>                    </u> feet

**List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:**

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
1. <u>PETROSANTANDER USA INC</u>	<u>CMU CENTRAL BATTERY</u>	<u>PRODUCED WATER</u>	<u>PROD WELLS IN UNIT</u>
2. <u>PETROSANTANDER (USA) INC</u>	<u>VULGAMORE WSW</u>	<u>WATER SUPPLY WELL</u>	<u>SESESE 11-21-35</u>
3. <u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. <u>MORROW</u>	<u>4825</u> to <u>4900</u> feet	<u>                    </u> mg/l
2. <u>VIRGILIAN/GEARYAN</u>	<u>2700</u> to <u>4000</u> feet	<u>                    </u> mg/l
3. <u>                    </u>	<u>                    </u> to <u>                    </u> feet	<u>                    </u> mg/l

Maximum Requested Liquid Injection Rate: 3000 bbls / day; or

Maximum Requested Gas Injection Rate:                      scf / day. Type of Gas:                     

Maximum Requested Injection Pressure: 2000 psig

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, Kansas 67202-1513

Type: ☒ Tubing & Packer ☐ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	8.625	NA	5.5	2.375
Setting Depth	NA	359		4999	4838
Amount of Cement		275		325	NA
Top of Cement		0		3470	NA
Bottom of Cement		359		5000	NA

Perforations / D.V. Tool at 3215 feet, cemented to 0 feet with 535 sx.

Tubing: Type SEAL TITE Grade \_\_\_\_\_

Packer: Type ARROWSET 1X Depth 4835

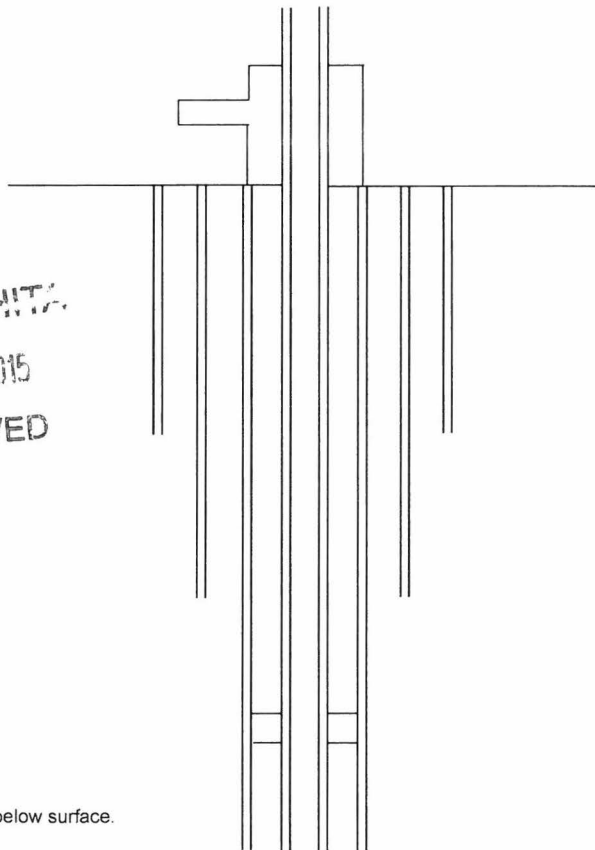
Annulus Corrosion Inhibitor: Type \_\_\_\_\_ Concentration \_\_\_\_\_

List Logs Enclosed: \_\_\_\_\_

### Well Sketch

(SEE ATTACHED)

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



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Static fluid level is \_\_\_\_\_ feet below surface.

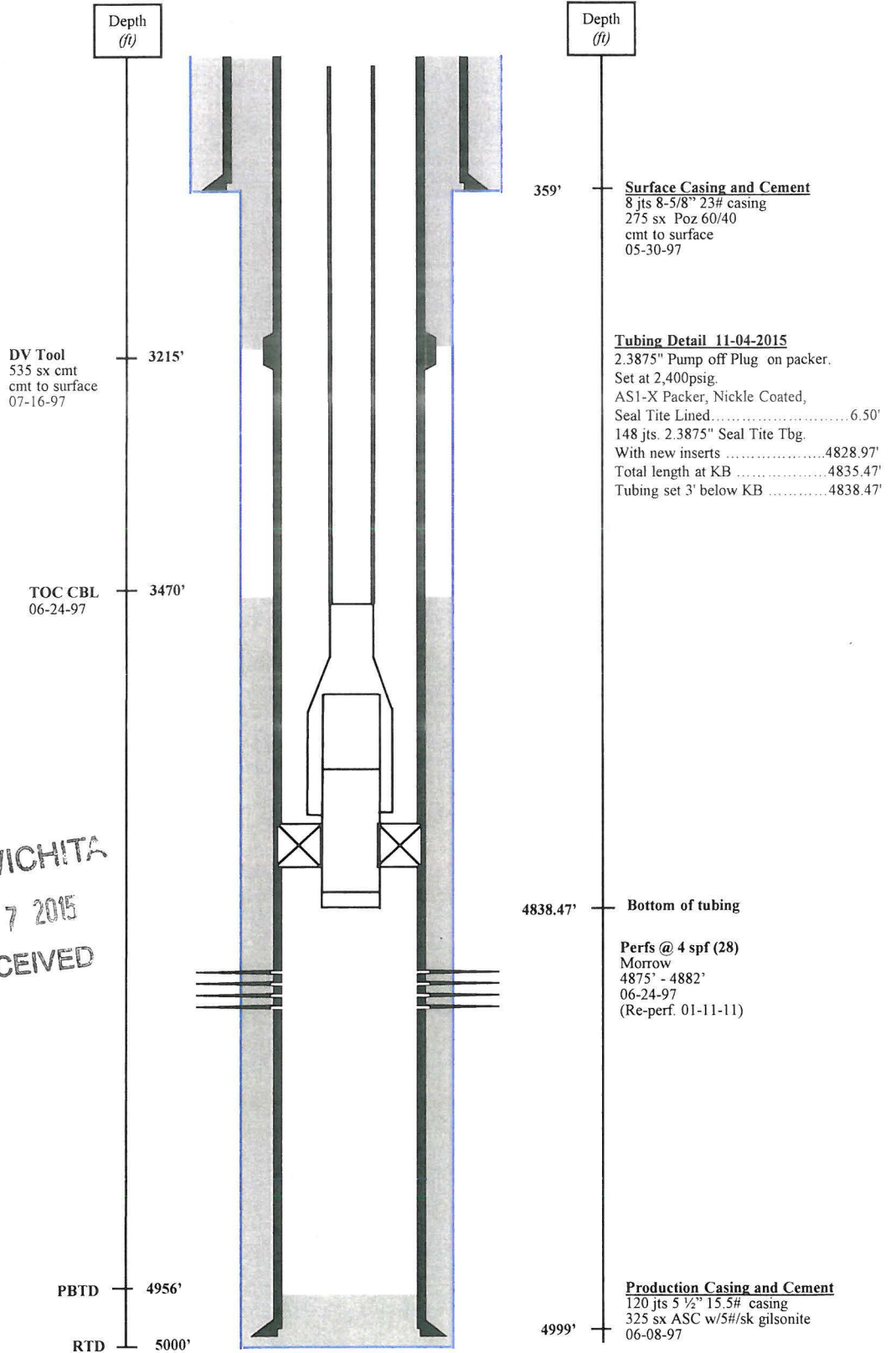
**Well: Scott 4-13**  
**WATER INJECTION WELL**  
 NW SW NW Sec 13-T21S-R35W  
 Kearny County, Ks

**Location: 1980' FNL; 330' FWL**  
**Elevation: GL=3091', KB=3096'**  
**API # - 15-093-21579**

**Rig: Abercrombie Drilling Rig 8**  
**Spud Date: 05-29-97**  
**TD: 06-06-97**  
**Rig Release: 06-07-97**  
**Mud: Chemical**  
**First Production:**  
**Completion Date: 07-08-97**

Heebner 3914'  
 Lansing 3962'  
 Marmaton 4474'  
 Cherokee 4610'  
 Morrow Sd 4817'  
 Morrow Sh 4873'  
 Mississippi 4890'  
 LTD 4998'

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**Offset Operators, Unleased Mineral Owners and Landowners acreage**

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

SEE ATTACHED LIST

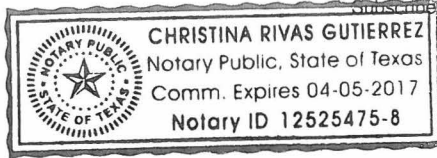
SEE ATTACHED LIST

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I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.



Applicant or Duly Authorized Agent

Subscribed and sworn before me this

16th

day of

December

2015

Notary Public

My Commission Expires:

April 5, 2017

**Instructions:**

1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
2. Attach some type of log (*drillers log, electric log, etc.*).
3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (*Cement ticket and job log, bond log, etc.*)
4. Attach Affidavit of Notice.
5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. **No injection well may be used without prior written authorization.**
9. All application fees must accompany the application.

**OFFSET OPERATORS, UNLEASED MINERAL OWNERS AND LANDOWNERS**

**CHRISTABELLE (MORROW) UNIT  
Lands included in this application**

NW¼ SEC. 13-T21S-R35W  
PetroSantander (USA) Inc.  
6363 Woodway Dr., Ste. 350  
Houston, TX 77057

LANDOWNERS  
William David Foster  
2004 Belmont  
Garden City, KS 67846

**PARTIES WHOSE ACREAGE LIES PARTIALLY OR FULLY WITHIN A ½-MILE RADIUS OF  
THE PROJECT BOUNDARY**

**LEGAL DESCRIPTION**  
**OPERATORS OR UNLEASED MINERAL OWNERS**

SE¼ SEC. 11-T21S-R35W; S½ SEC. 12; NE¼ AND SE¼ SEC. 13-T21S-R35W  
PetroSantander (USA) Inc.  
6363 Woodway Dr., Ste. 350  
Houston, TX 77057

NE¼ & SE¼ SEC. 14-T21S-R35W  
Lebsack Oil Production, Inc.  
c/o Wayne Lebsack  
PO Box 354  
Chase, KS 67524

**SW¼ SEC. 13-T21S-R35W – UNLEASED – MINERAL OWNERS**

Robert K. Beymer  
PO Box 3  
Lakin, KS 67860

Gary C. Beymer and Dixie L. Beymer  
PO Box 817  
Lakin, KS 67860

C. Easton Beymer and Sue M. Beymer  
898 Fire Agate Drive  
Boulder City, NV 89005-1219

John S. Campbell Credit Shelter Trust  
c/o Maxine W. Campbell  
PO Box 264  
Lakin, KS 67860

Jill A. Holt  
PO Box 2410  
Edmond, OK 73083

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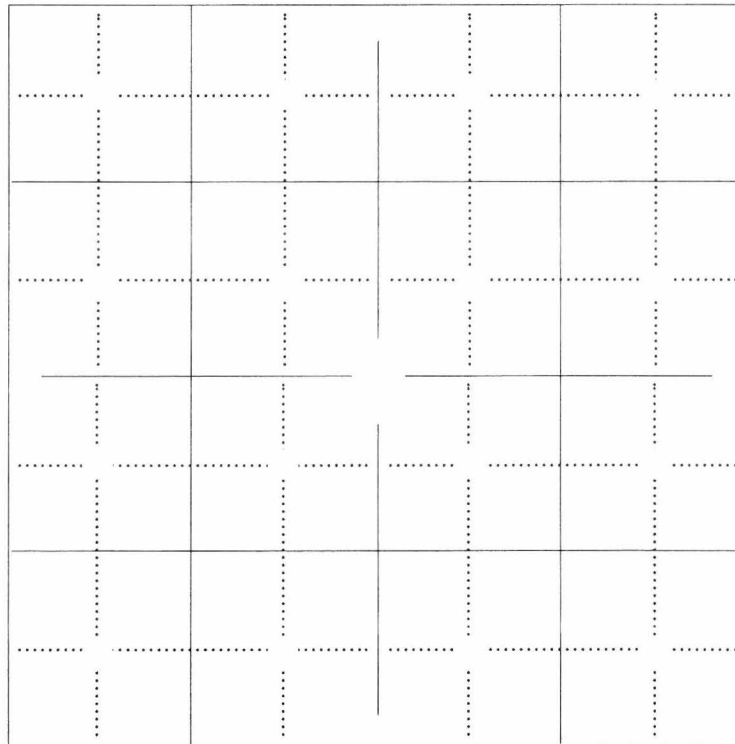
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**Plat and Certificate of Injection Well Location and Surrounding Acreages**

Operator: PETROSANTANDER (USA) INC. Location of Well: NW- SW-NW 13-21S-35W  
 Lease: SCOTT 1980 feet from ☒ N / ☐ S Line of Section  
 Well Number: 4-13 330 feet from ☐ E / ☒ W Line of Section  
 County: KEARNY Sec. 13 Twp. 21 S. R. 35 ☐ East ☒ West

**Plat***SEE ATTACHED*

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



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applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

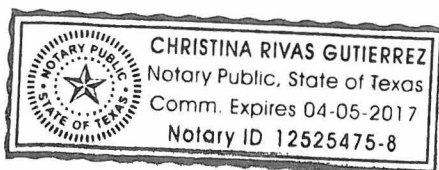
plugged producer

water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for PETROSANTANDER (USA) INC., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

*[Signature]*  
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 16<sup>th</sup> day of December, 2015



*[Signature]*  
Notary Public

My Commission Expires: April 5, 2017



11

12

PETROSANTANDER  
ODD WILLIAMS  
S 1/2 12 & N 1/2ODD WILLIAMS 2  
KRIDER - 2658'

PETROSANTANDER (USA) INC.

PETROSANTANDER (USA) INC.

TRACT 5

TRACT 6A

TRACT 6B

TRACT 7

VULGAMORE TR #1  
CHRIST 1-11 TWIN

CHRIST 1-11

VULGAMORE TRUST LEASE

ODD WILLIAMS LEASE

ODD WILLIAMS. #3 WSW

ODD WILLIAMS. #1

ODD WILLIAMS 6

ODD WILLIAMS 4R

ODD WILLIAMS 5

TRACT 11

TRACT 10

TRACT 9

LEBSACK OIL PRODUCTION INC.

FOSTER "D" #1

SCOTT 3-13

SCOTT 3-13R

SCOTT 5-13

UNRUH 3R

SCOTT 2-13  
PETROSANTANDER (USA) INC.UNRUH 3  
PETROSANTANDER (USA) INC.

1/2 MILE RADIUS

TRACT 12

FOSTER D 4

FOSTER "D" #2

FOSTER D 3

FOSTER "D" LEASE

SCOTT 6-13

SCOTT 2-13

SCOTT 1-13 P&amp;A

UNRUH 1 T&A  
GAS - KRIDER

SCOTT LEASE

2-14

14

IN INC.

VAN DOREN TR #1-14

VAN DOREN TR 3

LEBSACK OIL PRODUCTION INC.

VAN DOREN TR 2-14

VAN DOREN TR 4

VAN DOREN TRUST

CBH #1-13

UNLEASED

CBH 2-13

CAMPBELL BEYMER HOLLAND

MILLER 4

PETROSANTANDER (USA) INC.

MILLER 1

MILLER 'C' 1

MILLER 1

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**Affidavit of Notice Served**Re: Application for: INJECTION AUTHORITYWell Name: SCOTT 4-13Legal Location: NW-SW-NW 13-21S-35w

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 16<sup>th</sup> of December, 2015, 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)

SEE ATTACHED LIST

SEE ATTACHED LIST

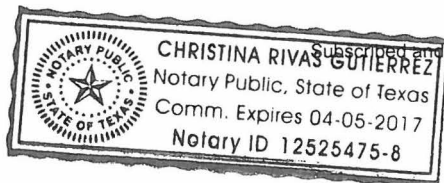
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I further attest that notice of the filing of this application was published in the LAKIN INDEPENDENT, the official county publication of KEARNY county. A copy of the affidavit of this publication is attached.

Signed this 16<sup>th</sup> day of December, 2015



[Signature]  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 16<sup>th</sup> day of December, 2015  
[Signature]  
Notary Public

My Commission Expires: April 5, 2017

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 protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

OFFSET OPERATORS, UNLEASED MINERAL OWNERS AND LANDOWNERS

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**Lands included in this application**

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