

2014.05.13 10:33:32  
Kansas Corporation Commission  
/s/ Kim Christiansen

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

APPLICATION TO AMEND INJECTION PERMIT

Form U-8  
July 2003  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

14-CONS-863-CUIC

- ☐ Salt Water Disposal  
☒ Repressuring  
☐ Other Enhanced Recovery

Permit Number: E-30,944 3-JK  
SW 1/4 Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West  
130 Feet from ☐ North / ☒ South Section Line  
3136 Feet from ☒ East / ☐ West Section Line  
Lease: Jim Bell  
Well #: AI-1 15-045-21,719-00-00  
Douglas County, Kansas  
Originally granted to: Altavista Energy, Inc.

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

Current Operator: License # 34350 Exp 03/30/15 Contact Person: Phil Frick (CC)  
Company Name: Altavista Energy, Inc. Douglas G. Evans  
(As listed on operator license)  
Address: PO Box 128, Wellsville, KS 66092  
Phone: 785-883-4057

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: ( X ) add the following repressuring wells: AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14 AI-16 ;  
( \_\_\_\_\_ ) change the injection formation; or ( \_\_\_\_\_ ) change well construction; or ( \_\_\_\_\_ ) other:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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MAR 24 2014  
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Offset Operators, Unleased Mineral Owners and Landowners

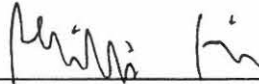
Form U-8

(Attach additional sheets if necessary)

Name \_\_\_\_\_ Legal Description of Leasehold \_\_\_\_\_

See U-1 Applications

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 14th day of March, 2014.

Notary Public

My Commission Expires: \_\_\_\_\_

**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  
August 2009  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22043-00-00

**Well Location**

NW NW NW, Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

5115 Feet from SOUTH Section Line

4785 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-8

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted ☒ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 1052 feet Well Total Depth: 920 feet Plug Back Depth: 867 feet

Datum of top of injection formation: +233 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole | depth                            |
|-----------------|-------------------------|------------------|----------------------------------|
| <u>Squirrel</u> | <u>819</u> / <u>834</u> | <u>perf</u>      | at <u>819</u> to <u>834</u> feet |
|                 |                         |                  | at to 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>Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| 2. _____                         | _____                 | _____                      | _____                   |
| 3. _____                         | _____                 | _____                      | _____                   |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| 1. <u>Squirrel</u>  | <u>819</u> to <u>834</u> feet | <u>NA</u> mg/l                        |
| 2. _____            | _____ to _____ feet           | _____ mg/l                            |
| 3. _____            | _____ to _____ feet           | _____ mg/l                            |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

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**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 45'     |              | 899'       |        |
| Amount of Cement |           | 8 sx    |              | 130 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 45'     |              | 899'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

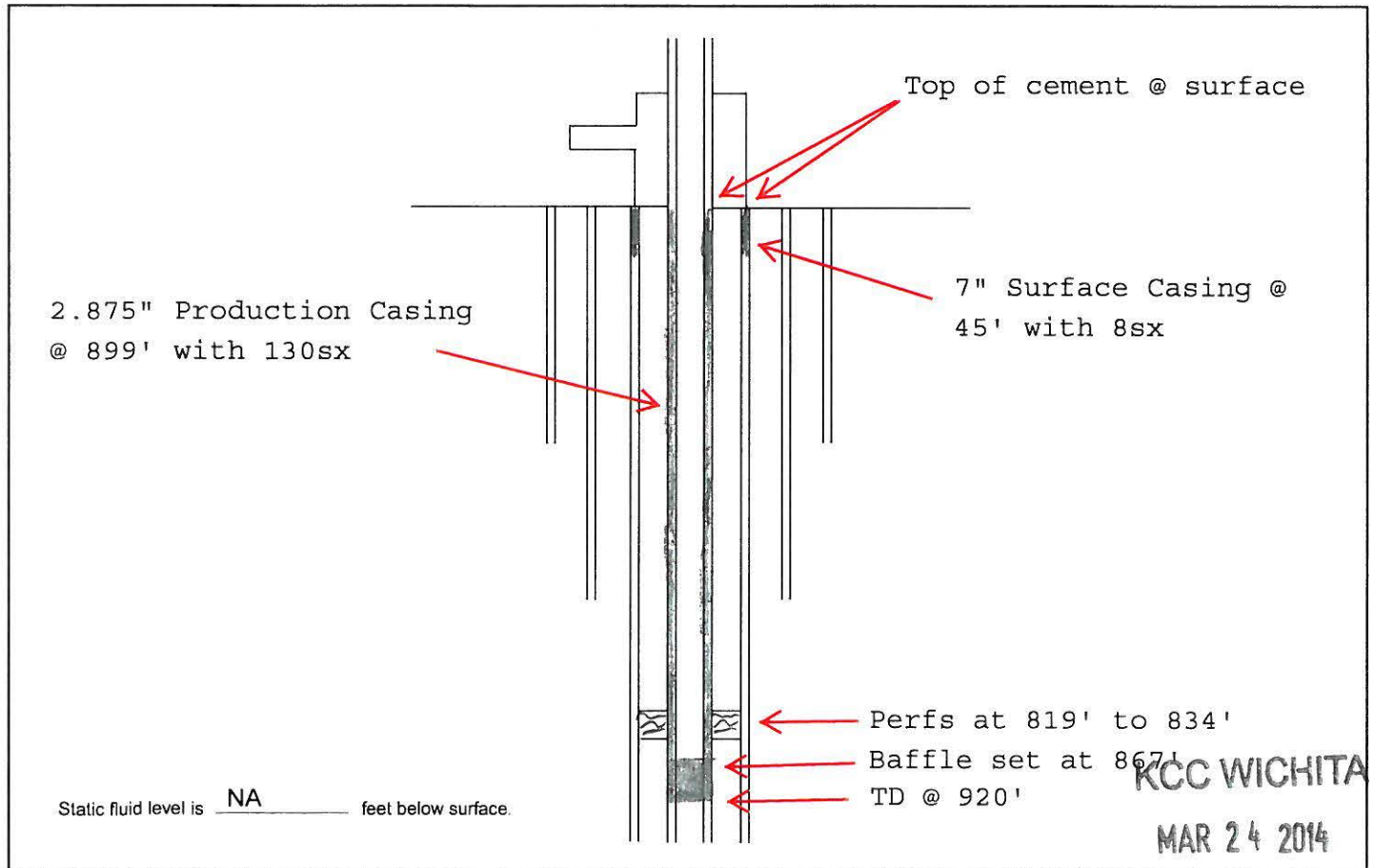
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



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

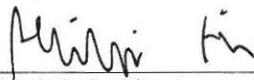
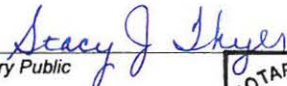
(Attach additional sheets if necessary)

Name:

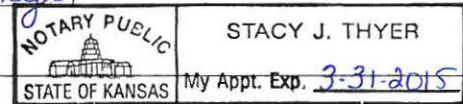
Legal Description of Leasehold:

See Attached

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 14th day of March, 2014
  
 Notary Public

My Commission Expires:

**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.

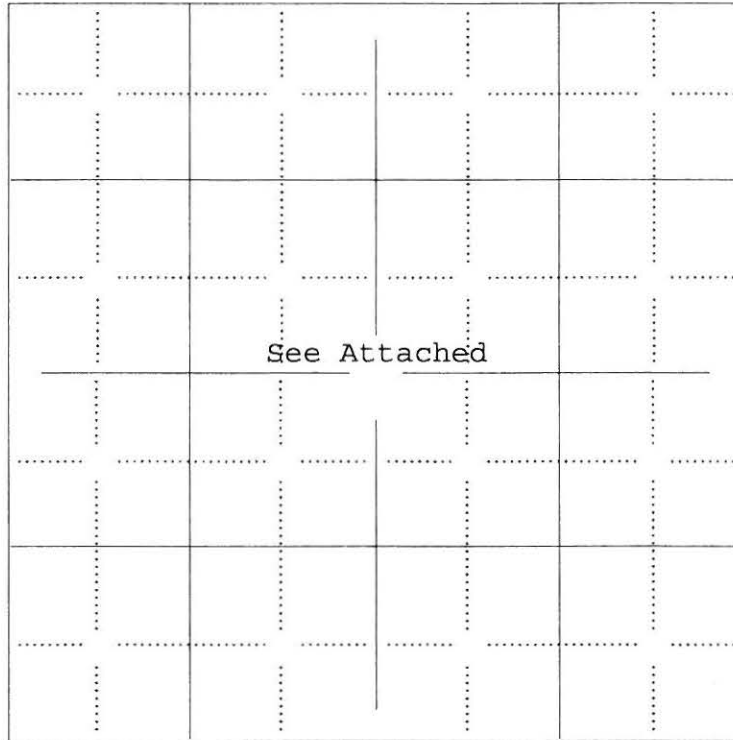
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**Plat and Certificate of Injection Well Location and Surrounding Acreages**

Operator: Altavista Energy, Inc. Location of Well: NW/4 of 1-15S-20E, Douglas County, KS  
 Lease: Jim Bell 5115 Feet from SOUTH Section Line  
 Well Number: AI-8 4785 Feet from EAST Section Line  
 County: Douglas Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

plugged producer

water supply well

**KCC WICHITA****MAR 24 2014**

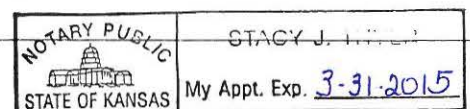
The undersigned hereby certifies that he / she is a duly authorized agent for Altavista Energy, Inc., and that all the information shown herein is true, complete and correct to the best of his / her knowledge.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-8Legal Location: NW/4 of 1-15S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, 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

I further attest that notice of the filing of this application was published in the Lawrence Daily Journal World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

Signed this 14th day of March, 2014

[Signature]  
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 14th day of March, 2014

[Signature]  
Notary Public  
My Commission Expires: 3-31-2015

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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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# **JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS**

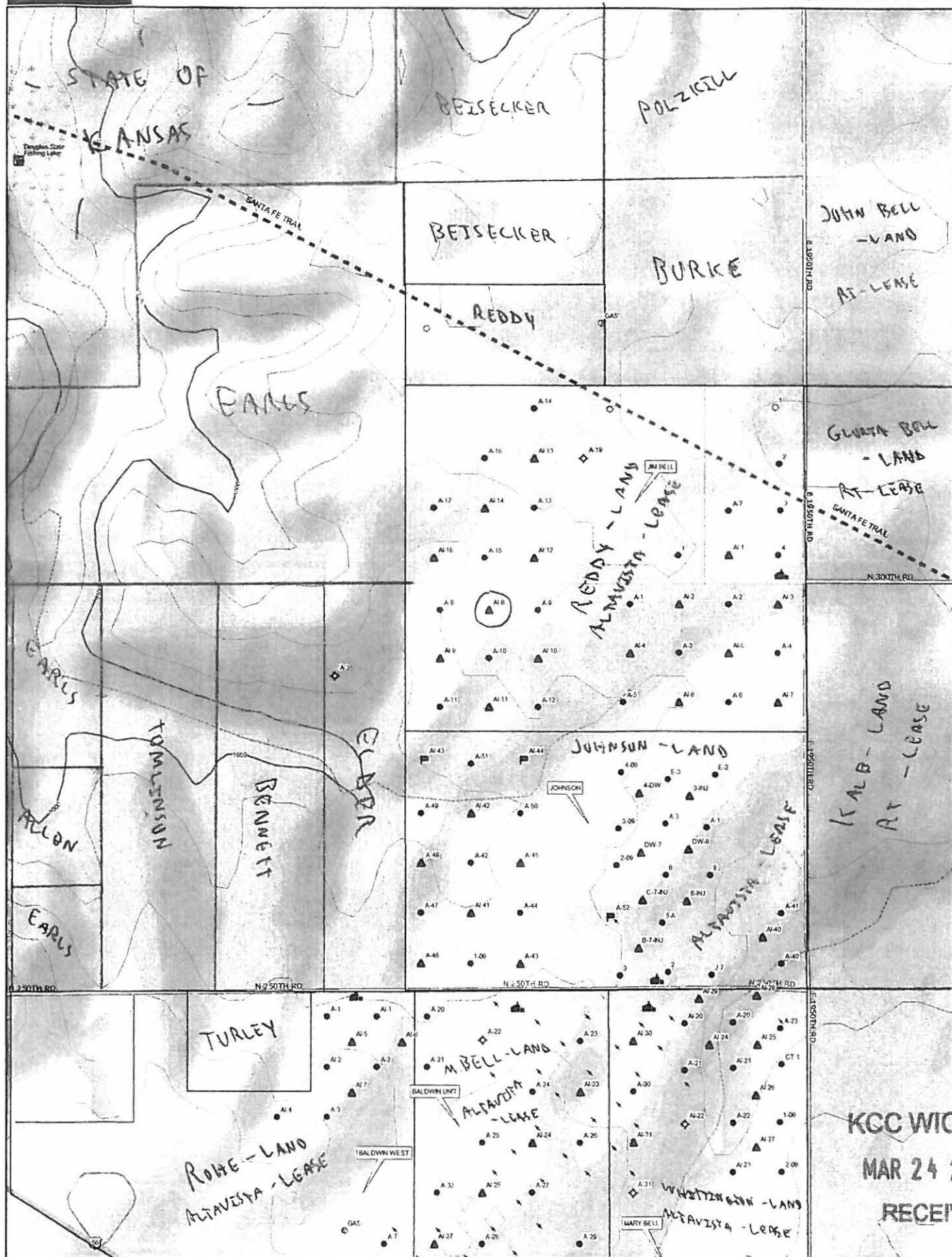
Offset Operators, Unleased Mineral Owner and Landowners in Townships 14S and 15S, Range 20E, Douglas County

| NAME AND ADDRESS   | LEASEHOLD  |
|--|--|
| R.T. Enterprises of Kansas<br>PO Box 339<br>Louisburg, KS 66053                              | SE/4, W/2 NE/4 – 1-15S-20E<br>N/2 SE/4 – 36-14S-20E<br>E/2 NE/4 – 1-15S-20E                        |
| Thomas Beisecker<br>351 E 1950 RD<br>Baldwin City, KS 66006                                  | N/2 NW/4 SW/4 – 36-14S-20E<br>SW/4 NW/4 – 36-14S-20E   |
| Gloria Bell<br>2503 Missouri St<br>Lawrence, KS 66046  | S/2 SE/4 - 36-14S-20E  |
| John Bell<br>1979 N 300 RD<br>Wellsville, KS 66092   | N/2 SE/4 - 36-14S-20E<br>E/2 NE/4 – 1-15S-20E  |
| Marjorie Bell Trust<br>321 Crimson Ave<br>Unit 35<br>Baldwin City, KS 66006                  | Part W/2 SW/4 – 1-15S-20E  |
| Michael Bennett<br>114 Santa Fe Drive<br>Baldwin City, KS 66006                              | Part NE/4 – 2-15S-20E  |
| Billy Burke<br>29351 W 151st St<br>Gardner, KS 66030   | NE/4 SW/4 - 36-14S-20E   |
| Ralph Earles<br>1780 N 300 RD<br>Baldwin City, KS 66006                                      | SE/4 less tract - 35-14S-20E   |
| Daniel and Robyn Elder<br>1896 N 250 RD<br>Baldwin City, KS 66006                            | Part NE/4 – 2-15S-20E  |
| Donald Johnson<br>1934 N 250 RD<br>Baldwin City, KS 66006                                    | S 100 acres NW/4 – 1-15S-20E   |
| Kermit Kalb Trust<br>1973 N 200 RD<br>Wellsville, KS 66092                                   | SE/4, W/2 NE/4 – 1-15S-20E   |
| State of Kansas Dept of Wildlife and Parks<br>900 SW Jackson St, STE 600<br>Topeka, KS 66612 | Tract SE/4, NE/4 – 35-14S-20E  |
| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | L.O.<br>L.O.<br>S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

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**MAR 24 2014**

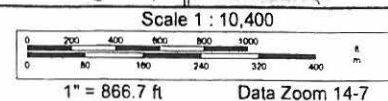
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# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

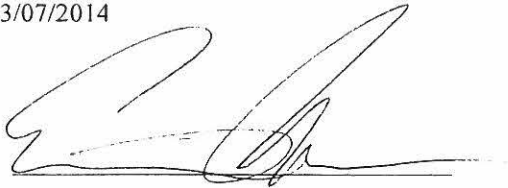
Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

Said newspaper is published daily 365 days 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 been admitted at the post office of Lawrence 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 days/weeks the first publication thereof being made as aforesaid on 03/07/2014 with publications being made on the following dates:

03/07/2014



Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |                 |
|----------------------|-----------------|
| Notary And Affidavit | \$0.00          |
| Additional Copies    | \$0.00          |
| Publication Charges  | \$119.10        |
|                      | <u>\$119.10</u> |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. -  
- Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

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MAR 24 2014

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

Form U-1  
August 2009  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22027-00-00

**Well Location**

NW NW NW, Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

4785 Feet from SOUTH Section Line

5115 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-9

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted

☒ Newly Drilled Well

☐ Well to be Drilled

Surface Elevation: 1038 feet Well Total Depth: 920 feet Plug Back Depth: 860 feet

Datum of top of injection formation: +228 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole | depth                            |
|-----------------|-------------------------|------------------|----------------------------------|
| <u>Squirrel</u> | <u>810</u> / <u>826</u> | <u>perf</u>      | at <u>810</u> to <u>826</u> feet |
|                 |                         |                  | at to 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>Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| 2. _____                         | _____                 | _____                      | _____                   |
| 3. _____                         | _____                 | _____                      | _____                   |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| 1. <u>Squirrel</u>  | <u>810</u> to <u>826</u> feet | <u>NA</u> mg/l                        |
| 2. _____            | _____ to _____ feet           | _____ mg/l                            |
| 3. _____            | _____ to _____ feet           | _____ mg/l                            |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 45'     |              | 892'       |        |
| Amount of Cement |           | 8 sx    |              | 127 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 45'     |              | 892'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

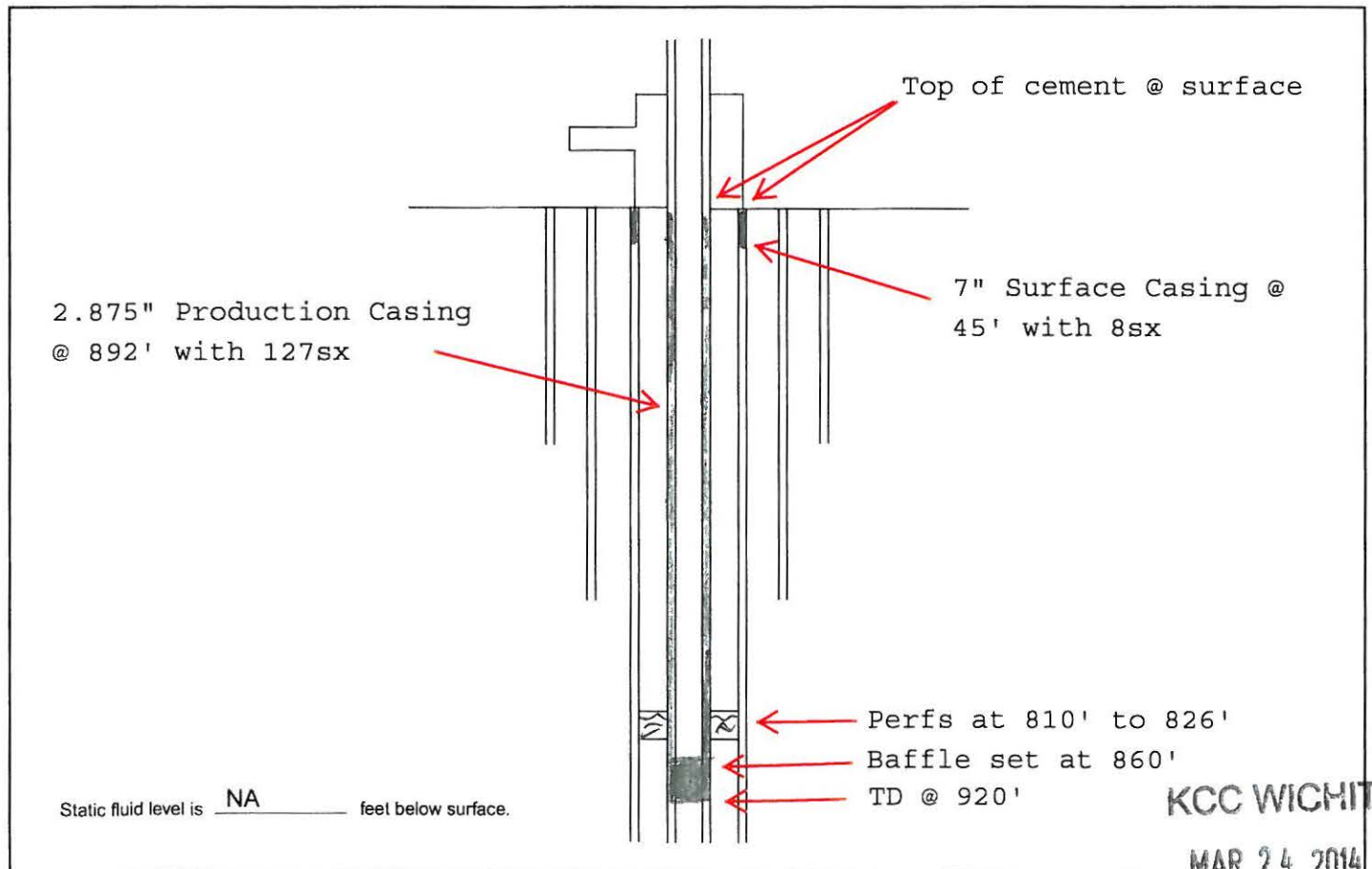
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



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

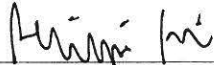
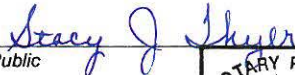
(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

See Attached

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

  
Applicant or Duly Authorized AgentSubscribed and sworn before me this 14th day of March, 2014  
Notary Public

My Commission Expires:



STACY J. THYER

My Appt. Exp. 3-31-2015**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.

KCC WICHITA

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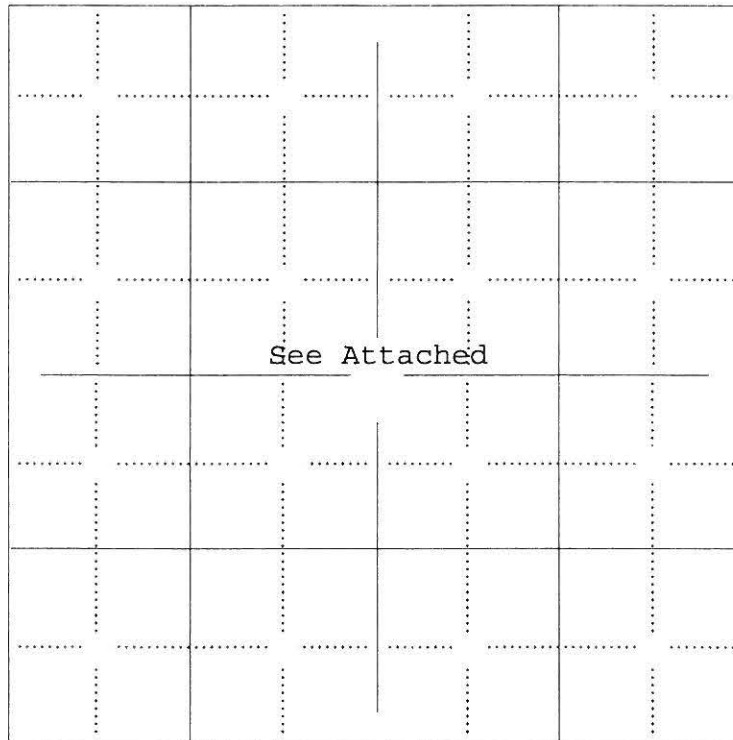
RECEIVED

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

Operator: Altavista Energy, Inc. Location of Well: NW/4 of 1-15S-20E, Douglas County, KS  
 Lease: Jim Bell 4785 Feet from SOUTH Section Line  
 Well Number: AI-9 5115 Feet from EAST Section Line  
 County: Douglas Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

plugged producer

water supply well

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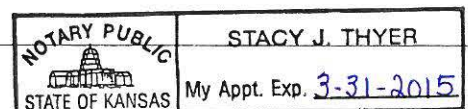
The undersigned hereby certifies that he / she is a duly authorized agent for Altavista Energy, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-9Legal Location: NW/4 of 1-15S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, 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

I further attest that notice of the filing of this application was published in the Lawrence Daily Journal World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

Signed this 14th day of March, 2014

[Signature]  
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 14th day of March, 2014

[Signature]  
Notary Public

|   |  |
|---|--|
|  | STACY J. THYER<br>My Appt. Exp. <u>3-31-2015</u> |
|---|--|

My Commission Expires: \_\_\_\_\_

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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

**KCC WICHITA**  
**MAR 24 2014**  
**RECEIVED**

# **JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS**

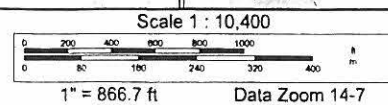
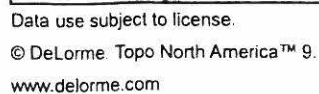
Offset Operators, Unleased Mineral Owner and Landowners in Townships 14S and 15S, Range 20E, Douglas County

| NAME AND ADDRESS   | LEASEHOLD  |
|--|--|
| R.T. Enterprises of Kansas<br>PO Box 339<br>Louisburg, KS 66053                              | SE/4, W/2 NE/4 – 1-15S-20E<br>N/2 SE/4 – 36-14S-20E<br>E/2 NE/4 – 1-15S-20E        |
| Thomas Beisecker<br>351 E 1950 RD<br>Baldwin City, KS 66006                                  | N/2 NW/4 SW/4 – 36-14S-20E<br>SW/4 NW/4 – 36-14S-20E                               |
| Gloria Bell<br>2503 Missouri St<br>Lawrence, KS 66046  | S/2 SE/4 - 36-14S-20E  |
| John Bell<br>1979 N 300 RD<br>Wellsville, KS 66092   | N/2 SE/4 - 36-14S-20E<br>E/2 NE/4 – 1-15S-20E                                      |
| Marjorie Bell Trust<br>321 Crimson Ave<br>Unit 35<br>Baldwin City, KS 66006                  | Part W/2 SW/4 – 1-15S-20E  |
| Michael Bennett<br>114 Santa Fe Drive<br>Baldwin City, KS 66006                              | Part NE/4 – 2-15S-20E  |
| Billy Burke<br>29351 W 151st St<br>Gardner, KS 66030   | NE/4 SW/4 - 36-14S-20E   |
| Ralph Earles<br>1780 N 300 RD<br>Baldwin City, KS 66006                                      | SE/4 less tract - 35-14S-20E   |
| Daniel and Robyn Elder<br>1896 N 250 RD<br>Baldwin City, KS 66006                            | Part NE/4 – 2-15S-20E  |
| Donald Johnson<br>1934 N 250 RD<br>Baldwin City, KS 66006                                    | S 100 acres NW/4 – 1-15S-20E   |
| Kermit Kalb Trust<br>1973 N 200 RD<br>Wellsville, KS 66092                                   | SE/4, W/2 NE/4 – 1-15S-20E   |
| State of Kansas Dept of Wildlife and Parks<br>900 SW Jackson St, STE 600<br>Topeka, KS 66612 | Tract SE/4, NE/4 – 35-14S-20E  |
| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

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# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

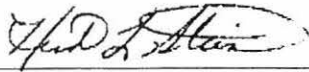
Said newspaper is published daily 365 days a year; has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice and been admitted at the post office of Lawrence in said County as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for 1 consecutive days/weeks the first publication thereof being made as aforesaid on 03/07/2014 with publications being made on the following dates:

03/07/2014



Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |                 |
|----------------------|-----------------|
| Notary And Affidavit | \$0.00          |
| Additional Copies    | \$0.00          |
| Publication Charges  | \$119.10        |
|                      | <u>\$119.10</u> |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. -  
- Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

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MAR 24 2014  
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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**APPLICATION FOR INJECTION WELL**

Form U-1  
August 2009  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22028-00-00

**Well Location**

NE NW NW , Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

4785 Feet from SOUTH Section Line

4455 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-10

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted ☒ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 1044 feet Well Total Depth: 920 feet Plug Back Depth: 872 feet

Datum of top of injection formation: +241 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole                        | depth       |
|-----------------|-------------------------|---|-------------|
| <u>Squirrel</u> | <u>803</u> / <u>816</u> | <u>perf</u> at <u>803</u> to <u>816</u> | <u>feet</u> |
|                 |                         | at to                                   | 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 |
|----------------------------------|-----------------------|----------------------------|-------------------------|
| <u>1. Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| <u>2.</u>                        |                       |                            |                         |
| <u>3.</u>                        |                       |                            |                         |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| <u>1. Squirrel</u>  | <u>803</u> to <u>816</u> feet | <u>NA</u> mg/l                        |
| <u>2.</u>           | to feet                       | mg/l                                  |
| <u>3.</u>           | to feet                       | mg/l                                  |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

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**Well Completion**
 Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 46'     |              | 906'       |        |
| Amount of Cement |           | 8 sx    |              | 129 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 46'     |              | 906'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

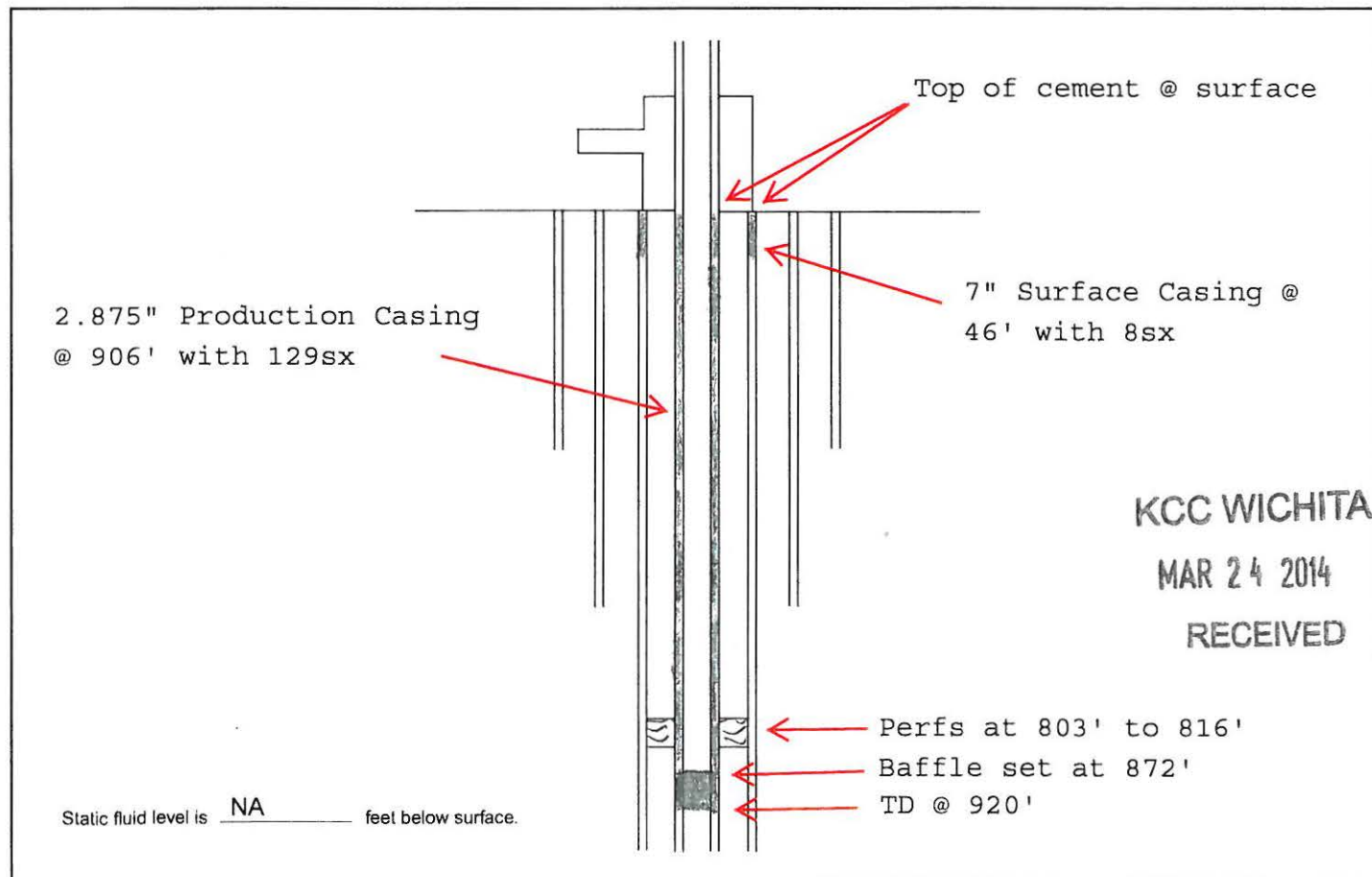
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

 List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL
**Well Sketch**

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



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

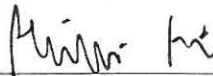
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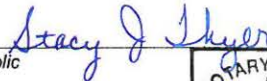
Legal Description of Leasehold:

See Attached

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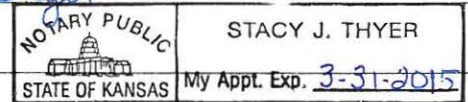


Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires:

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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.
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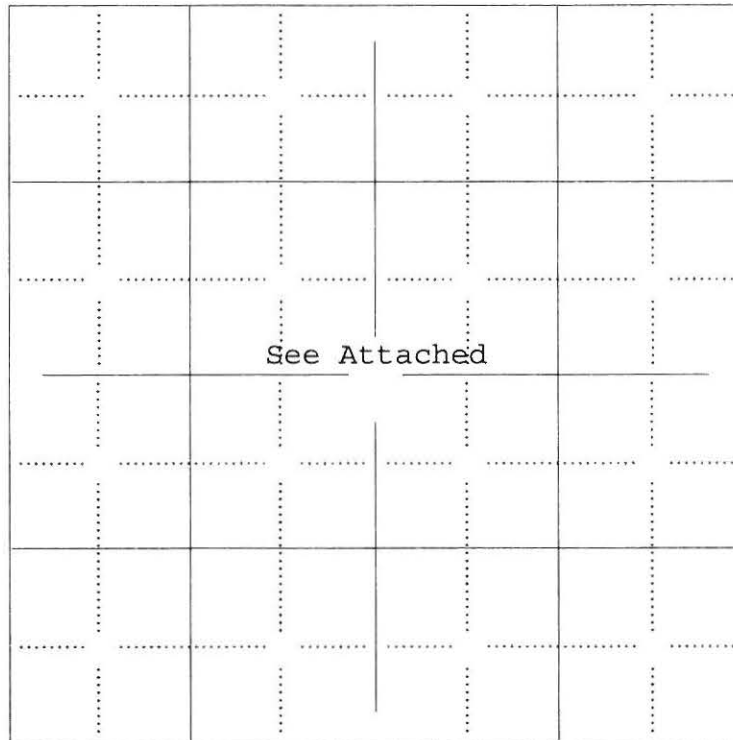
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Operator: Altavista Energy, Inc. Location of Well: NW/4 of 1-15S-20E, Douglas County, KS  
 Lease: Jim Bell 4785 Feet from SOUTH Section Line  
 Well Number: AI-10 4455 Feet from EAST Section Line  
 County: Douglas Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

**Plat**

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 formation tops.



applicant well

producing well

plugged injection well

D &amp; A well

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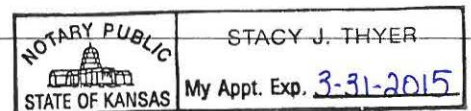
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Jim Bell  
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Stacy J. Thyer  
Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-10 Legal Location: NW/4 of 1-15S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, 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

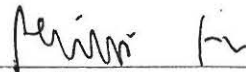
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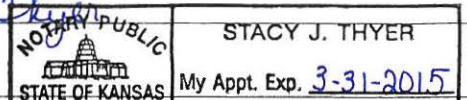
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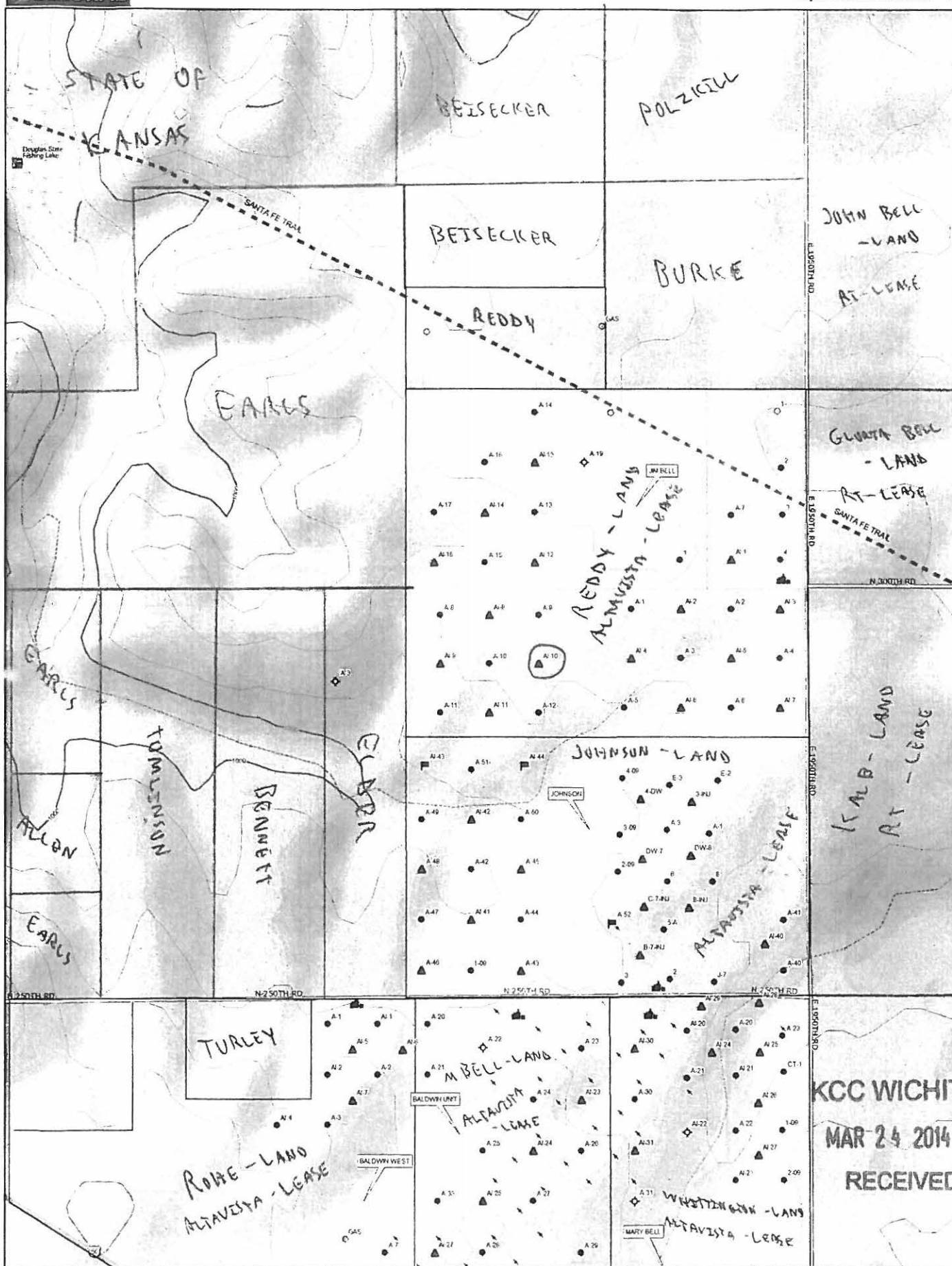
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| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

KCC WICHITA

MAR 24 2014

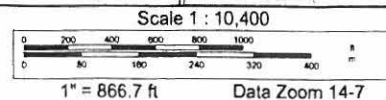
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www.delorme.com



# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

Said newspaper is published daily 365 days 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 been admitted at the post office of Lawrence 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 days/weeks the first publication thereof being made as aforesaid on 03/07/2014 with publications being made on the following dates:

03/07/2014



Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |          |
|----------------------|----------|
| Notary And Affidavit | \$0.00   |
| Additional Copies    | \$0.00   |
| Publication Charges  | \$119.10 |
|                      | \$119.10 |

(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. - Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057



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

Form U-1  
August 2009  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22029-00-00

**Well Location**

SW NW NW, Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

4455 Feet from SOUTH Section Line

4785 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-11

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted ☒ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 1034 feet Well Total Depth: 900 feet Plug Back Depth: 856 feet

Datum of top of injection formation: +236 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole | depth                            |
|-----------------|-------------------------|------------------|----------------------------------|
| <u>Squirrel</u> | <u>798</u> / <u>813</u> | <u>perf</u>      | at <u>798</u> to <u>813</u> feet |
|                 |                         |                  | at to 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>Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| 2. _____                         | _____                 | _____                      | _____                   |
| 3. _____                         | _____                 | _____                      | _____                   |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| 1. <u>Squirrel</u>  | <u>798</u> to <u>813</u> feet | <u>NA</u> mg/l                        |
| 2. _____            | _____ to _____ feet           | _____ mg/l                            |
| 3. _____            | _____ to _____ feet           | _____ mg/l                            |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

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**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 43'     |              | 888'       |        |
| Amount of Cement |           | 9 sx    |              | 108 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 43'     |              | 888'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

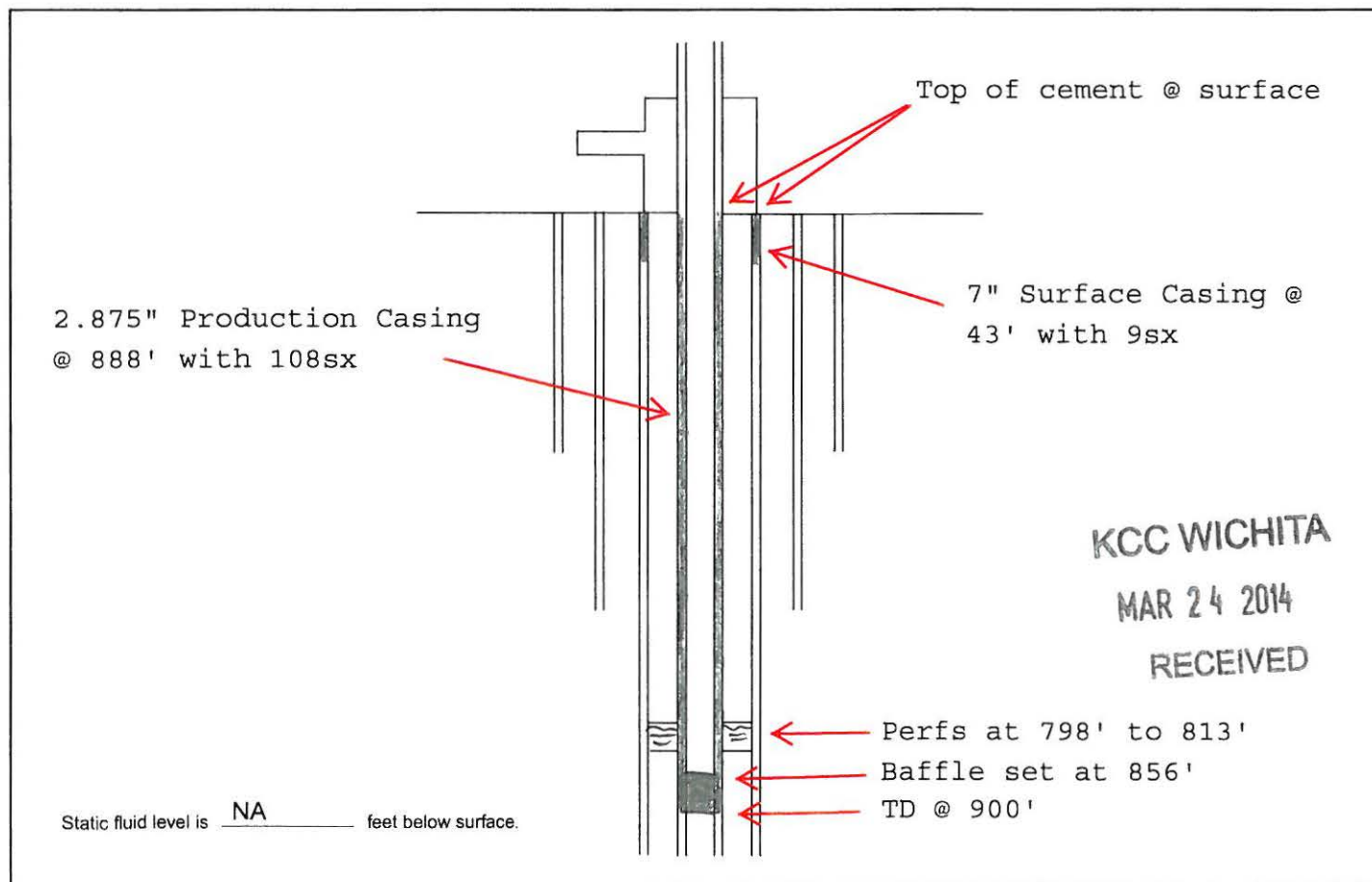
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



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

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

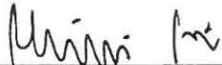
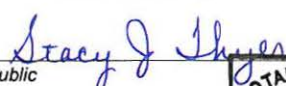
See Attached

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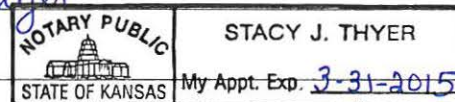
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I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

  
 Applicant or Duly Authorized Agent
Subscribed and sworn before me this 14th day of March, 2014
  
 Notary Public

My Commission Expires: \_\_\_\_\_

**Instructions:**

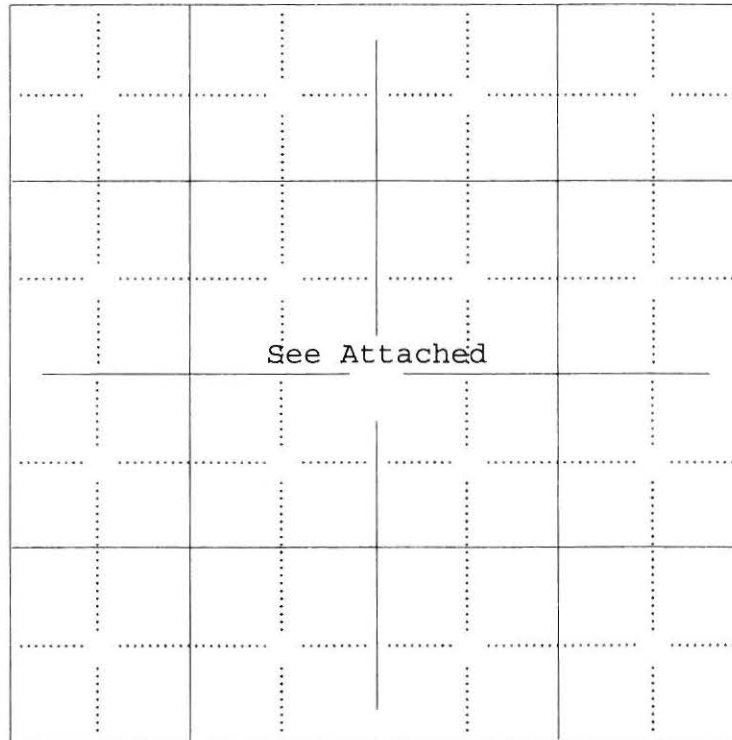
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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.

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

Operator: Altavista Energy, Inc. Location of Well: NW/4 of 1-15S-20E, Douglas County, KS  
 Lease: Jim Bell 4455 Feet from SOUTH Section Line  
 Well Number: AI-11 4785 Feet from EAST Section Line  
 County: Douglas Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

plugged producer

water supply well

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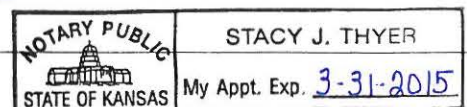
The undersigned hereby certifies that he / she is a duly authorized agent for Altavista Energy, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-11Legal Location: NW/4 of 1-15S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, 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

KCC WICHITA

MAR 24 2014

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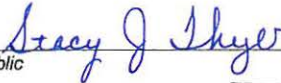
I further attest that notice of the filing of this application was published in the Lawrence Daily Journal World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

Signed this 14th day of March, 2014



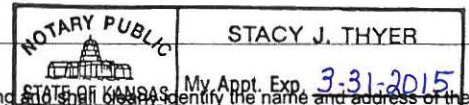
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 14th day of March, 2014



Notary Public

My Commission Expires: \_\_\_\_\_



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.

# **JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS**

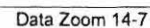
Offset Operators, Unleased Mineral Owner and Landowners in Townships 14S and 15S, Range 20E, Douglas County

| <b>NAME AND ADDRESS</b>  | <b>LEASEHOLD</b>   |
|--|--|
| R.T. Enterprises of Kansas<br>PO Box 339<br>Louisburg, KS 66053                              | SE/4, W/2 NE/4 – 1-15S-20E<br>N/2 SE/4 – 36-14S-20E<br>E/2 NE/4 – 1-15S-20E        |
| Thomas Beisecker<br>351 E 1950 RD<br>Baldwin City, KS 66006                                  | N/2 NW/4 SW/4 – 36-14S-20E<br>SW/4 NW/4 – 36-14S-20E                               |
| Gloria Bell<br>2503 Missouri St<br>Lawrence, KS 66046  | S/2 SE/4 - 36-14S-20E  |
| John Bell<br>1979 N 300 RD<br>Wellsville, KS 66092   | N/2 SE/4 - 36-14S-20E<br>E/2 NE/4 – 1-15S-20E                                      |
| Marjorie Bell Trust<br>321 Crimson Ave<br>Unit 35<br>Baldwin City, KS 66006                  | Part W/2 SW/4 – 1-15S-20E  |
| Michael Bennett<br>114 Santa Fe Drive<br>Baldwin City, KS 66006                              | Part NE/4 – 2-15S-20E  |
| Billy Burke<br>29351 W 151st St<br>Gardner, KS 66030   | NE/4 SW/4 - 36-14S-20E   |
| Ralph Earles<br>1780 N 300 RD<br>Baldwin City, KS 66006                                      | SE/4 less tract - 35-14S-20E   |
| Daniel and Robyn Elder<br>1896 N 250 RD<br>Baldwin City, KS 66006                            | Part NE/4 – 2-15S-20E  |
| Donald Johnson<br>1934 N 250 RD<br>Baldwin City, KS 66006                                    | S 100 acres NW/4 – 1-15S-20E   |
| Kermit Kalb Trust<br>1973 N 200 RD<br>Wellsville, KS 66092                                   | SE/4, W/2 NE/4 – 1-15S-20E   |
| State of Kansas Dept of Wildlife and Parks<br>900 SW Jackson St, STE 600<br>Topeka, KS 66612 | Tract SE/4, NE/4 – 35-14S-20E  |
| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

**KCC WICHITA**

**MAR 24 2014**

**RECEIVED**



# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

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Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |          |
|----------------------|----------|
| Notary And Affidavit | \$0.00   |
| Additional Copies    | \$0.00   |
| Publication Charges  | \$119.10 |
|                      | \$119.10 |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. - Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

KCC WICHITA  
MAR 24 2014  
RECEIVED

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

Form U-1  
August 2009  
**Form must be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22060-00-00

**Well Location**

SE SW SW, Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

165 Feet from SOUTH Section Line

4455 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-12

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted ☒ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 1056 feet Well Total Depth: 920 feet Plug Back Depth: 874 feet

Datum of top of injection formation: +238 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole                        | depth       |
|-----------------|-------------------------|---|-------------|
| <u>Squirrel</u> | <u>818</u> / <u>832</u> | <u>perf</u> at <u>818</u> to <u>832</u> | <u>feet</u> |
| _____           | _____ / _____           | _____ at _____ to _____                 | _____ 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>Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| 2. _____                         | _____                 | _____                      | _____                   |
| 3. _____                         | _____                 | _____                      | _____                   |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| 1. <u>Squirrel</u>  | <u>818</u> to <u>832</u> feet | <u>NA</u> mg/l                        |
| 2. _____            | _____ to _____ feet           | _____ mg/l                            |
| 3. _____            | _____ to _____ feet           | _____ mg/l                            |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

**KCC WICHITA**

**MAR 24 2014**

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**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 44'     |              | 906'       |        |
| Amount of Cement |           | 8 sx    |              | 126 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 44'     |              | 906'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

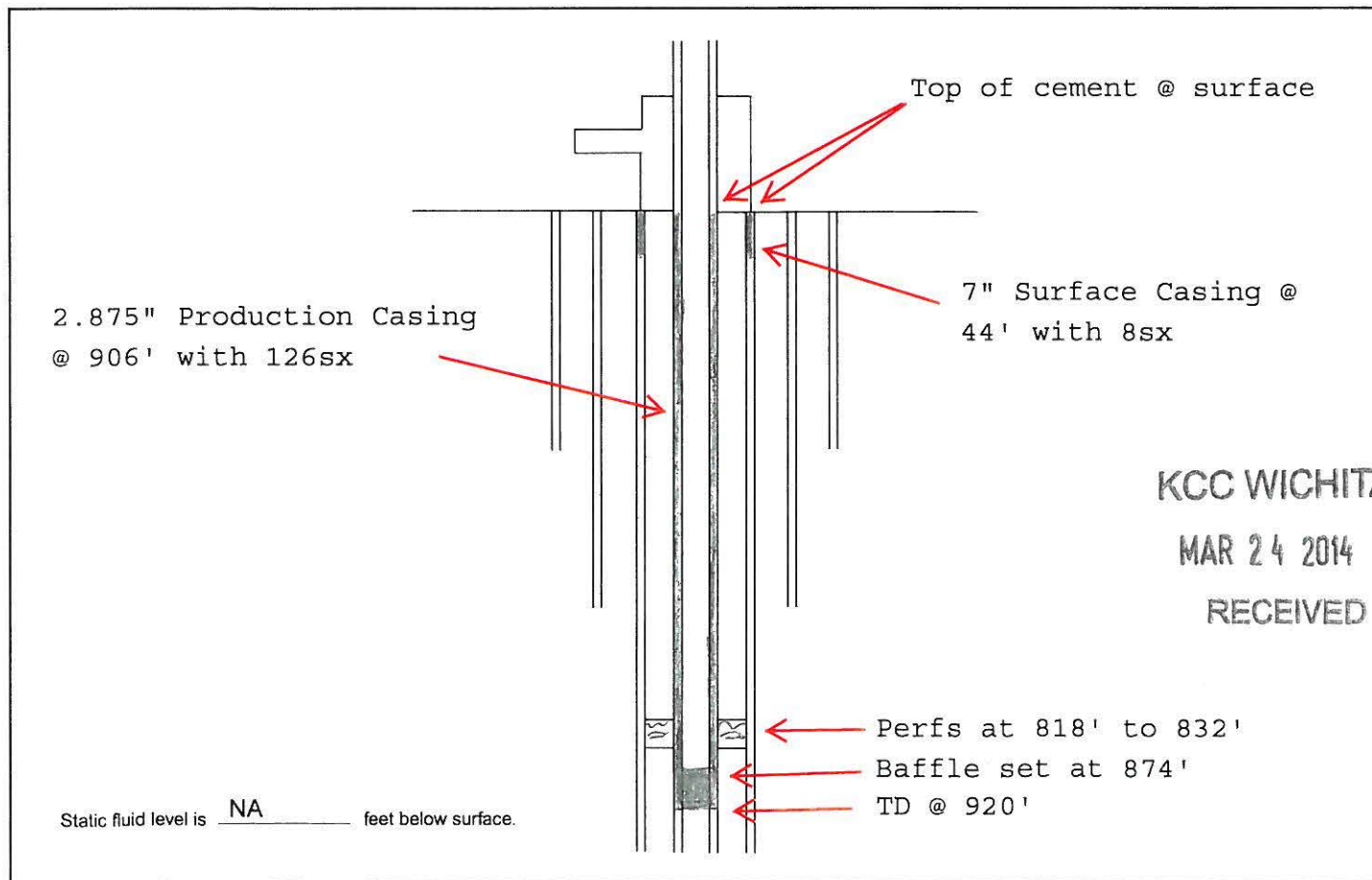
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



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

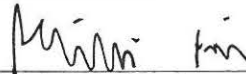
(Attach additional sheets if necessary)

Name:

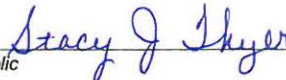
Legal Description of Leasehold:

See Attached

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

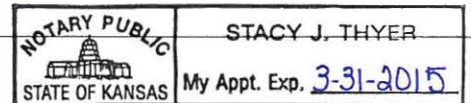


Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires: \_\_\_\_\_

**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.

KCC WICHITA

MAR 24 2014

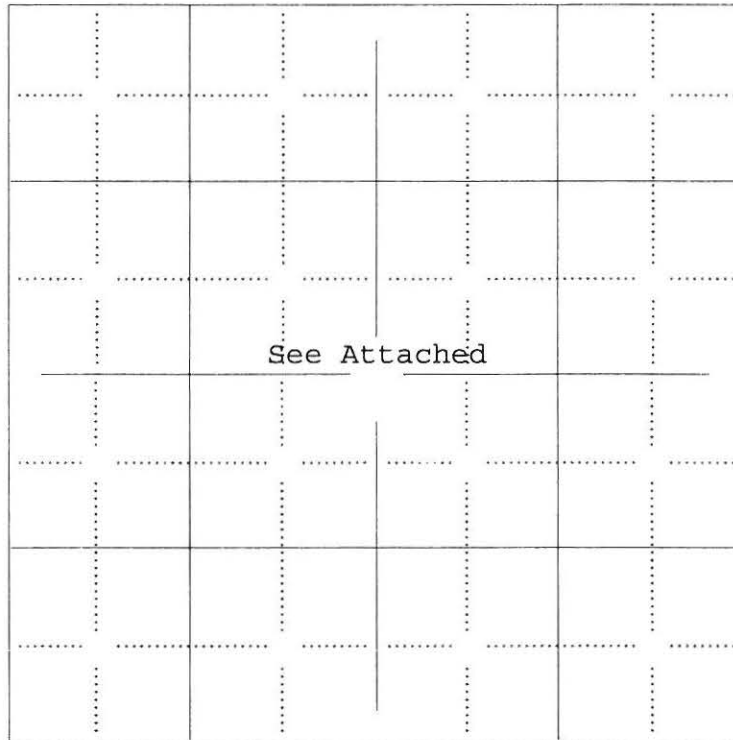
RECEIVED

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

Operator: Altavista Energy, Inc. Location of Well: SW/4 of 36-14S-20E, Douglas County, KS  
 Lease: Jim Bell 165 Feet from SOUTH Section Line  
 Well Number: AI-12 4455 Feet from EAST Section Line  
 County: Douglas Sec. 36 Twp. 14 S. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

plugged producer

water supply well

KCC WICHITA

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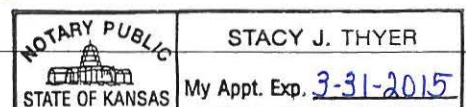
The undersigned hereby certifies that he / she is a duly authorized agent for Altavista Energy, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-12Legal Location: SW/4 of 36-14S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, 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

KCC WICHITA  
MAR 24 2014  
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I further attest that notice of the filing of this application was published in the Lawrence Daily Journal World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

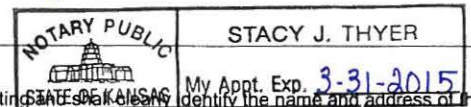
Signed this 14th day of March, 2014

[Signature]  
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 14th day of March, 2014

[Signature]  
Notary Public

My Commission Expires: \_\_\_\_\_



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.

# JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS

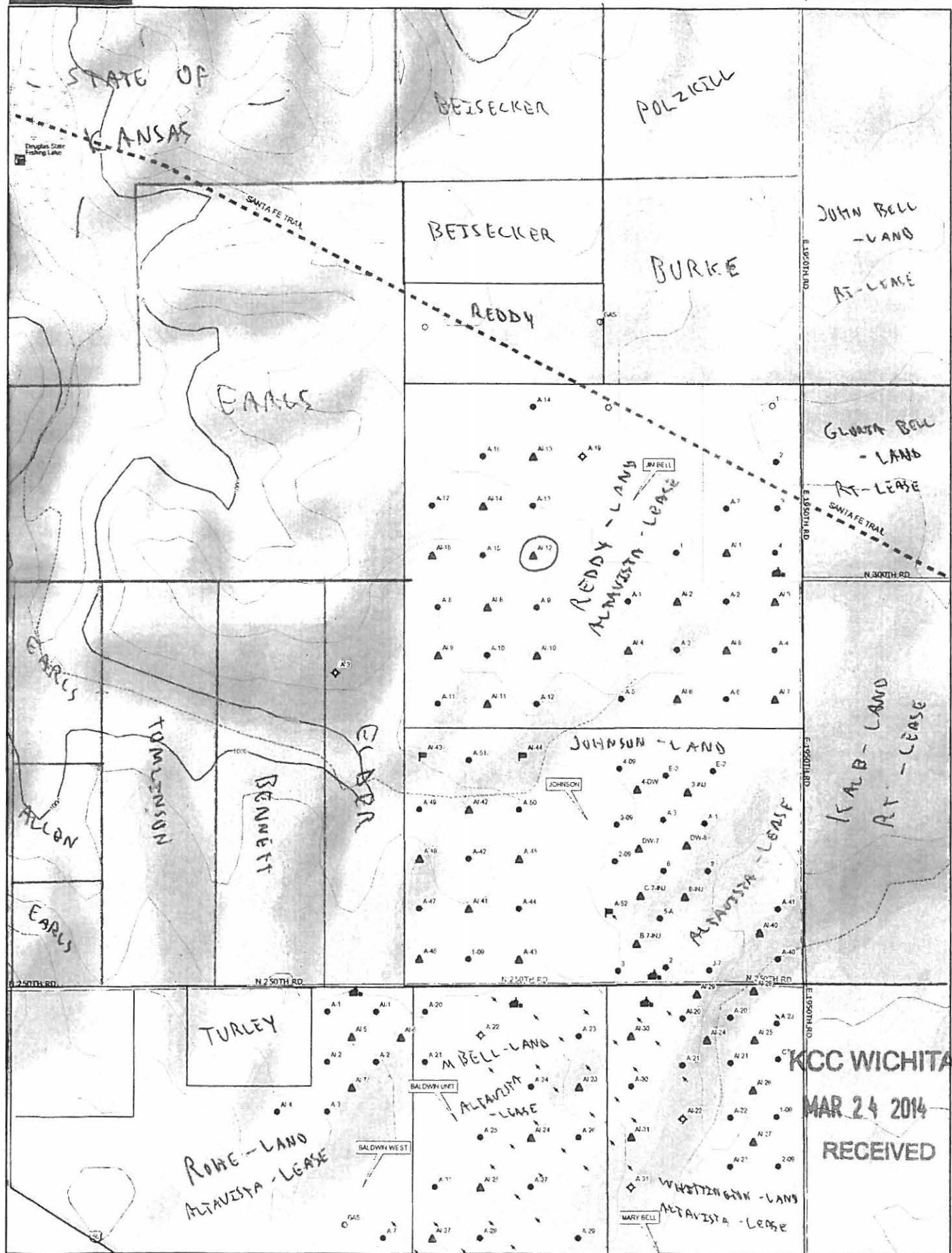
Offset Operators, Unleased Mineral Owner and Landowners in Townships 14S and 15S, Range 20E, Douglas County

| NAME AND ADDRESS   | LEASEHOLD  |
|--|--|
| R.T. Enterprises of Kansas<br>PO Box 339<br>Louisburg, KS 66053                              | SE/4, W/2 NE/4 – 1-15S-20E<br>N/2 SE/4 – 36-14S-20E<br>E/2 NE/4 – 1-15S-20E        |
| Thomas Beisecker<br>351 E 1950 RD<br>Baldwin City, KS 66006                                  | N/2 NW/4 SW/4 – 36-14S-20E<br>SW/4 NW/4 – 36-14S-20E                               |
| Gloria Bell<br>2503 Missouri St<br>Lawrence, KS 66046  | S/2 SE/4 - 36-14S-20E  |
| John Bell<br>1979 N 300 RD<br>Wellsville, KS 66092   | N/2 SE/4 - 36-14S-20E<br>E/2 NE/4 – 1-15S-20E                                      |
| Marjorie Bell Trust<br>321 Crimson Ave<br>Unit 35<br>Baldwin City, KS 66006                  | Part W/2 SW/4 – 1-15S-20E  |
| Michael Bennett<br>114 Santa Fe Drive<br>Baldwin City, KS 66006                              | Part NE/4 – 2-15S-20E  |
| Billy Burke<br>29351 W 151st St<br>Gardner, KS 66030   | NE/4 SW/4 - 36-14S-20E   |
| Ralph Earles<br>1780 N 300 RD<br>Baldwin City, KS 66006                                      | SE/4 less tract - 35-14S-20E   |
| Daniel and Robyn Elder<br>1896 N 250 RD<br>Baldwin City, KS 66006                            | Part NE/4 – 2-15S-20E  |
| Donald Johnson<br>1934 N 250 RD<br>Baldwin City, KS 66006                                    | S 100 acres NW/4 – 1-15S-20E   |
| Kermit Kalb Trust<br>1973 N 200 RD<br>Wellsville, KS 66092                                   | SE/4, W/2 NE/4 – 1-15S-20E   |
| State of Kansas Dept of Wildlife and Parks<br>900 SW Jackson St, STE 600<br>Topeka, KS 66612 | Tract SE/4, NE/4 – 35-14S-20E  |
| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

KCC WICHITA

MAR 24 2014

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www.delorme.com

# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

Said newspaper is published daily 365 days 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 been admitted at the post office of Lawrence 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 days/weeks the first publication thereof being made as aforesaid on 03/07/2014 with publications being made on the following dates:

03/07/2014



Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |                 |
|----------------------|-----------------|
| Notary And Affidavit | \$0.00          |
| Additional Copies    | \$0.00          |
| Publication Charges  | \$119.10        |
|                      | <u>\$119.10</u> |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. - Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

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

Form U-1  
August 2009  
**Form must be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22062-00-00

**Well Location**

NE SW SW , Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

825 Feet from SOUTH Section Line

4455 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-13

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted

☒ Newly Drilled Well

☐ Well to be Drilled

Surface Elevation: 1071 feet

Well Total Depth: 920 feet

Plug Back Depth: 880 feet

Datum of top of injection formation: +241 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole | depth                            |
|-----------------|-------------------------|------------------|----------------------------------|
| <u>Squirrel</u> | <u>830</u> / <u>840</u> | <u>perf</u>      | at <u>830</u> to <u>840</u> feet |
|                 |                         |                  | at to 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 |
|----------------------------------|-----------------------|----------------------------|-------------------------|
| <u>1. Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| <u>2.</u>                        |                       |                            |                         |
| <u>3.</u>                        |                       |                            |                         |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| <u>1. Squirrel</u>  | <u>830</u> to <u>840</u> feet | <u>NA</u> mg/l                        |
| <u>2.</u>           | to feet                       | mg/l                                  |
| <u>3.</u>           | to feet                       | mg/l                                  |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

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**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 45'     |              | 912'       |        |
| Amount of Cement |           | 8 sx    |              | 134 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 45'     |              | 912'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

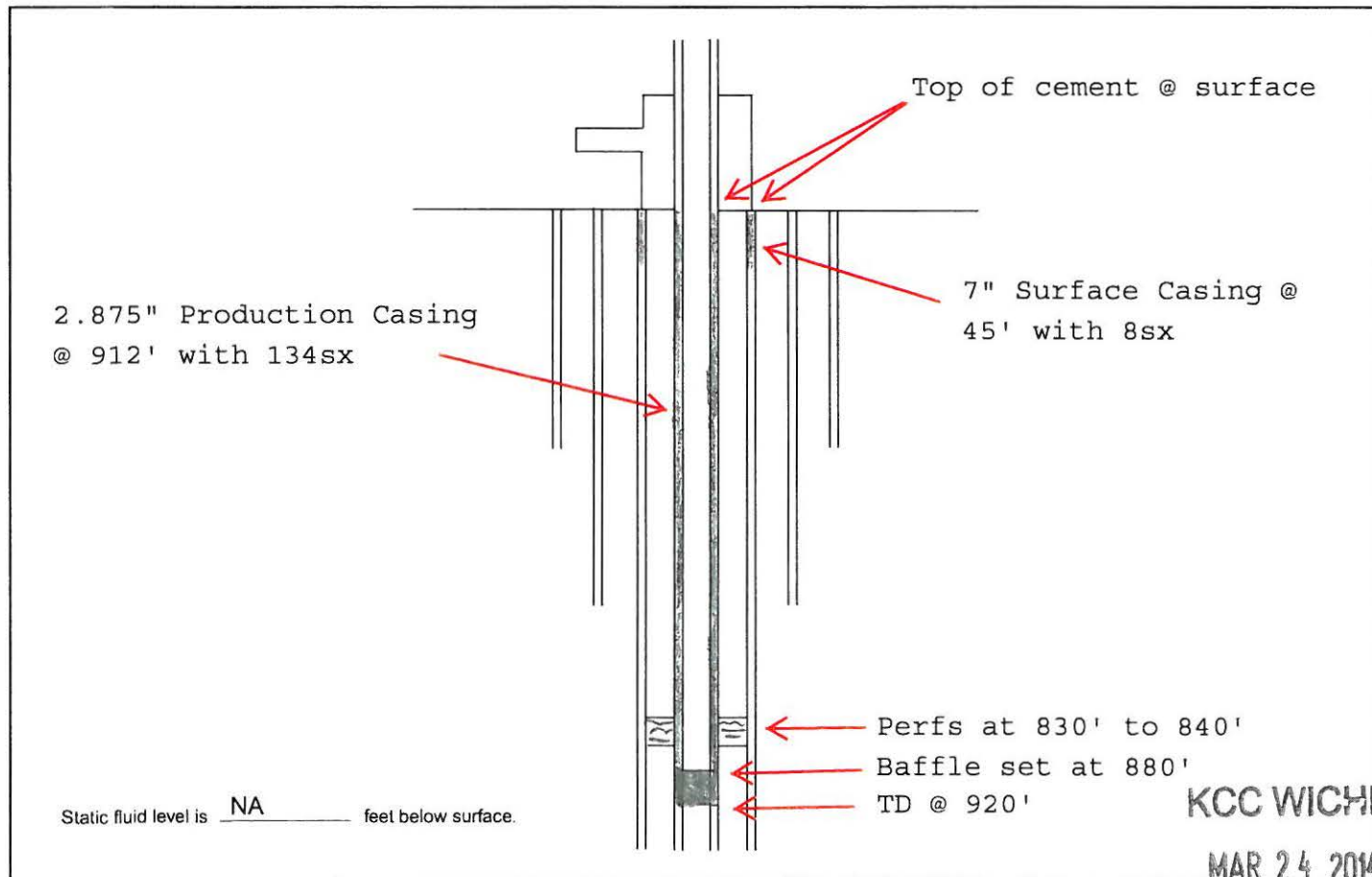
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



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

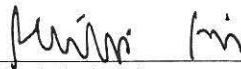

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Name:

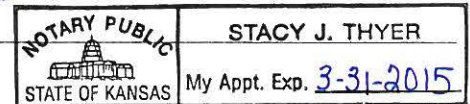
Legal Description of Leasehold:

See Attached

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 14th day of March, 2014
  
 Notary Public

My Commission Expires: \_\_\_\_\_

**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.
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KCC WICHITA

MAR 24 2014

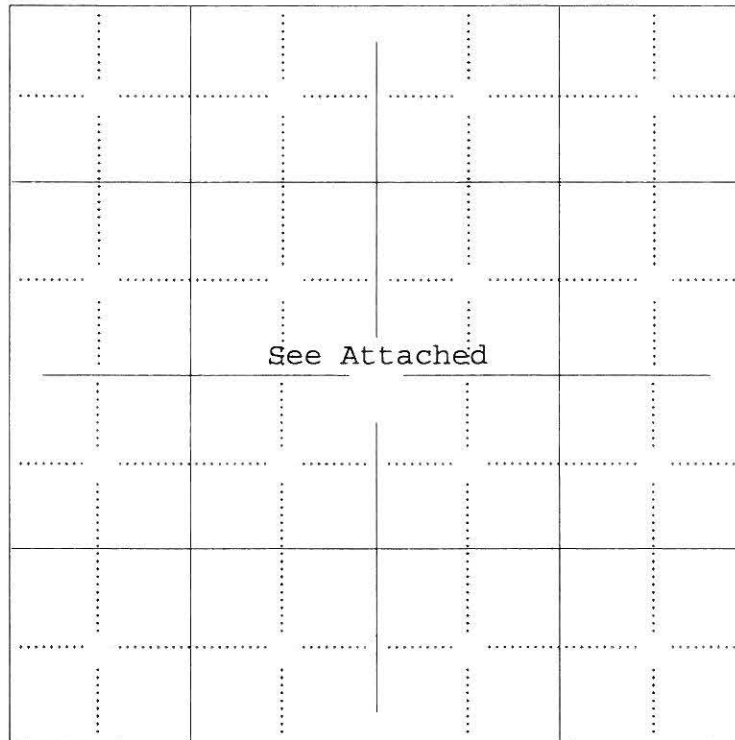
RECEIVED

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

Operator: Altavista Energy, Inc. Location of Well: SW/4 of 36-14S-20E, Douglas County, KS  
 Lease: Jim Bell 825 Feet from SOUTH Section Line  
 Well Number: AI-13 4455 Feet from EAST Section Line  
 County: Douglas Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

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D &amp; A well

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[Signature]  
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

[Signature]  
Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-13Legal Location: SW/4 of 36-14S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

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Name

Address (Attach additional sheets if necessary)

See Attached

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KCC WICHITA

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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# **JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS**

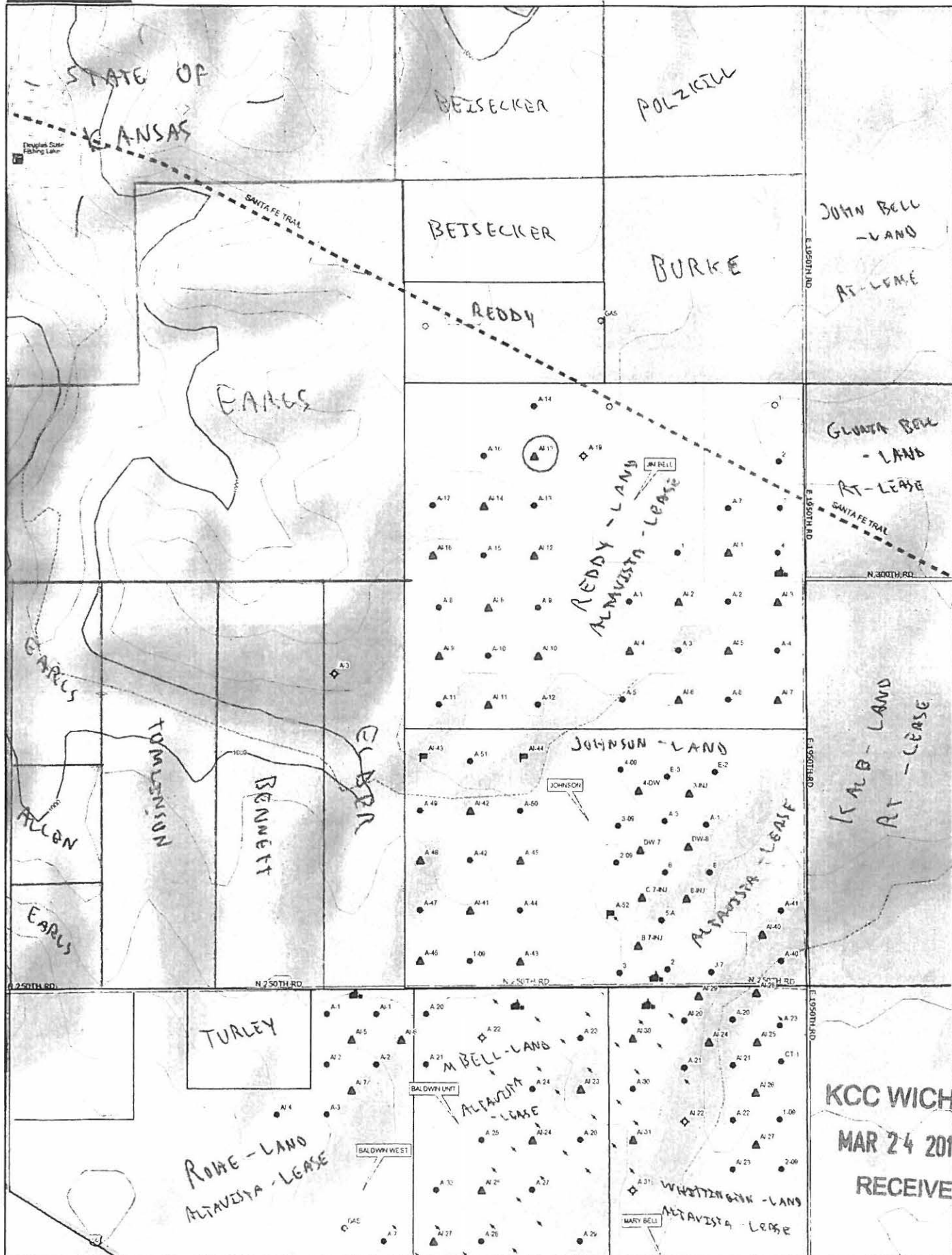
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| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

**KCC WICHITA**

**MAR 24 2014**

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STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

Said newspaper is published daily 365 days 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 been admitted at the post office of Lawrence 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 days/weeks the first publication thereof being made as aforesaid on 03/07/2014 with publications being made on the following dates:

03/07/2014



Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |                 |
|----------------------|-----------------|
| Notary And Affidavit | \$0.00          |
| Additional Copies    | \$0.00          |
| Publication Charges  | \$119.10        |
|                      | <u>\$119.10</u> |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. - Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

KCC WICHITA  
MAR 24 2014  
RECEIVED

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

Form U-1  
August 2009  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22070-00-00

**Well Location**

SW SW SW, Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

495 Feet from SOUTH Section Line

4785 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-14

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted

☒ Newly Drilled Well

☐ Well to be Drilled

Surface Elevation: 1058 feet Well Total Depth: 940 feet Plug Back Depth: 883 feet

Datum of top of injection formation: +236 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole | depth                            |
|-----------------|-------------------------|------------------|----------------------------------|
| <u>Squirrel</u> | <u>822</u> / <u>837</u> | <u>perf</u>      | at <u>822</u> to <u>837</u> feet |
|                 |                         |                  | at to 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>Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| 2. _____                         | _____                 | _____                      | _____                   |
| 3. _____                         | _____                 | _____                      | _____                   |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| 1. <u>Squirrel</u>  | <u>822</u> to <u>837</u> feet | <u>NA</u> mg/l                        |
| 2. _____            | _____ to _____ feet           | _____ mg/l                            |
| 3. _____            | _____ to _____ feet           | _____ mg/l                            |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

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**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 44'     |              | 914'       |        |
| Amount of Cement |           | 9 sx    |              | 128 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 44'     |              | 914'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

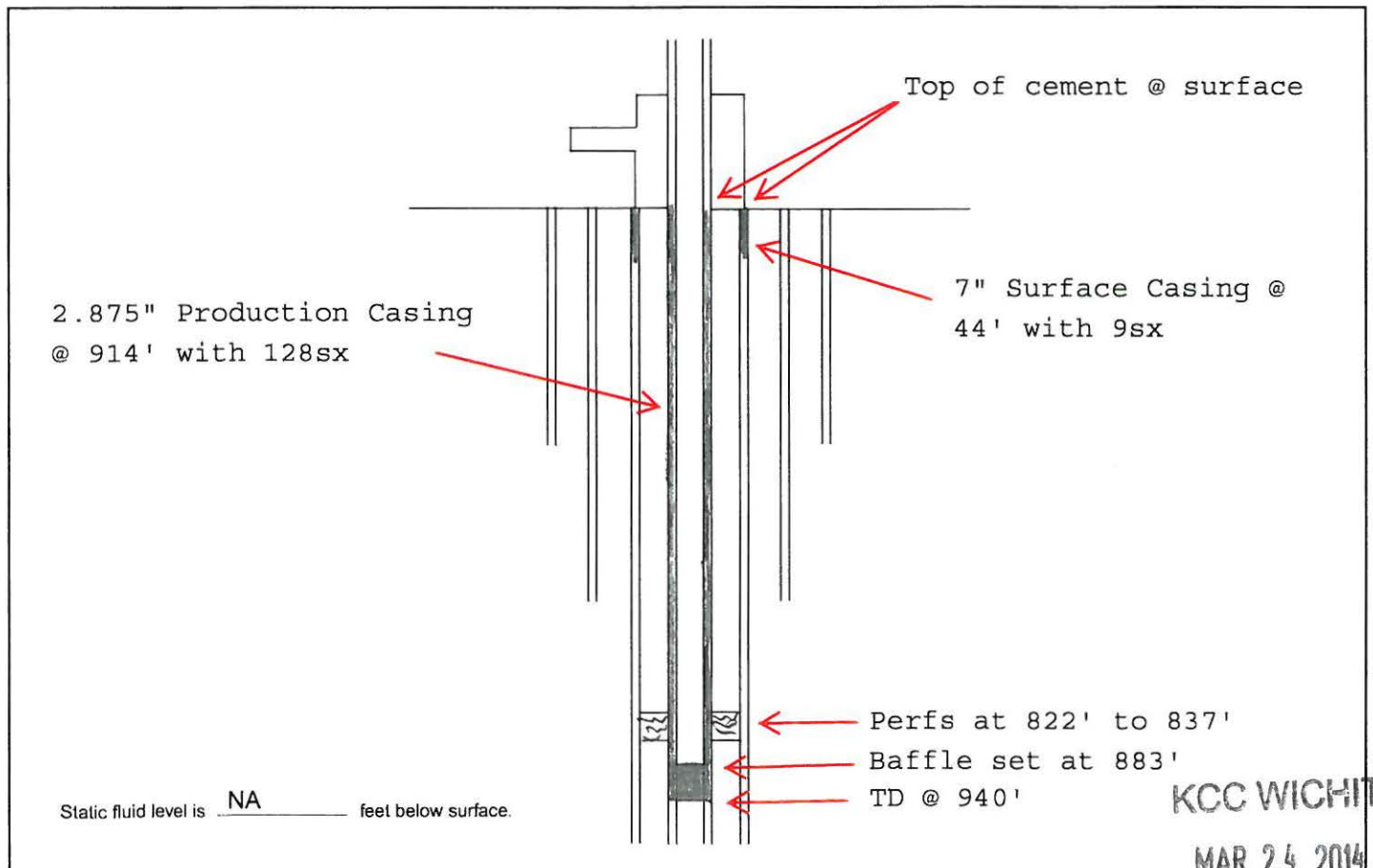
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



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

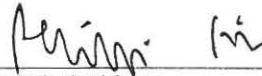
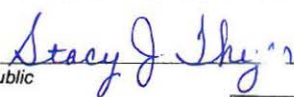
(Attach additional sheets if necessary)

Name:

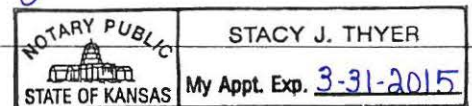
Legal Description of Leasehold:

See Attached

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 14th day of March, 2014
  
 Notary Public

My Commission Expires: \_\_\_\_\_

**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.

KCC WICHITA

MAR 24 2014

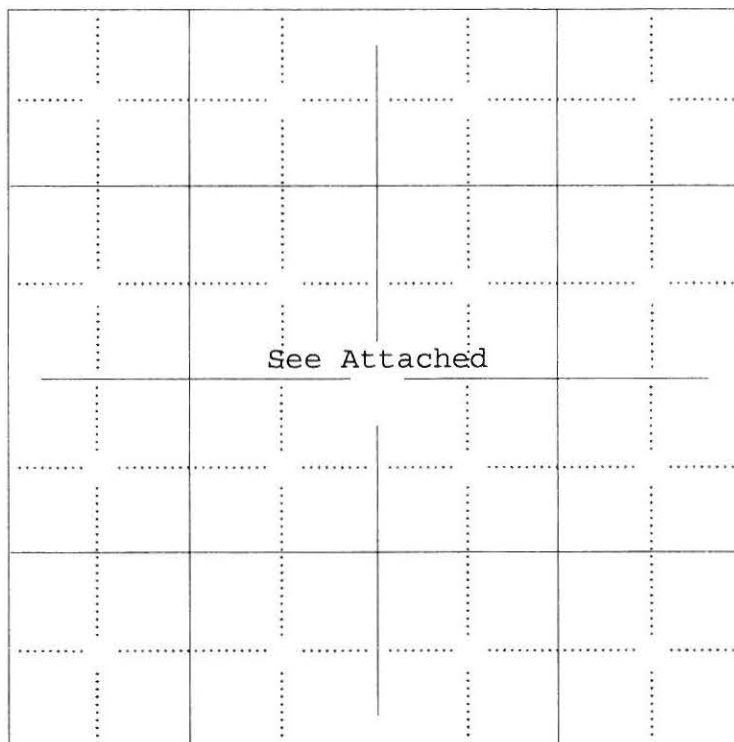
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**Plat and Certificate of Injection Well Location and Surrounding Acreages**

Operator: Altavista Energy, Inc. Location of Well: SW/4 of 36-14S-20E, Douglas County, KS  
 Lease: Jim Bell 495 Feet from SOUTH Section Line  
 Well Number: AI-14 4785 Feet from EAST Section Line  
 County: Douglas Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

plugged producer

water supply well

KCC WICHITA

MAR 24 2014

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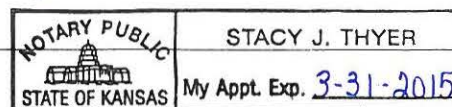
The undersigned hereby certifies that he / she is a duly authorized agent for Altavista Energy, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Notary Public

My Commission Expires:



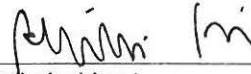
**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-14 Legal Location: SW/4 of 36-14S-20E, Douglas County, KSThe undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, a true and correct copy of 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.

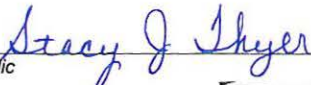
Name

Address (Attach additional sheets if necessary)

See Attached

I further attest that notice of the filing of this application was published in the Lawrence Daily Journal World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.Signed this 14th day of March, 2014

Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 14th day of March, 2014

Notary Public

My Commission Expires: \_\_\_\_\_



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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

MAR 24 2014

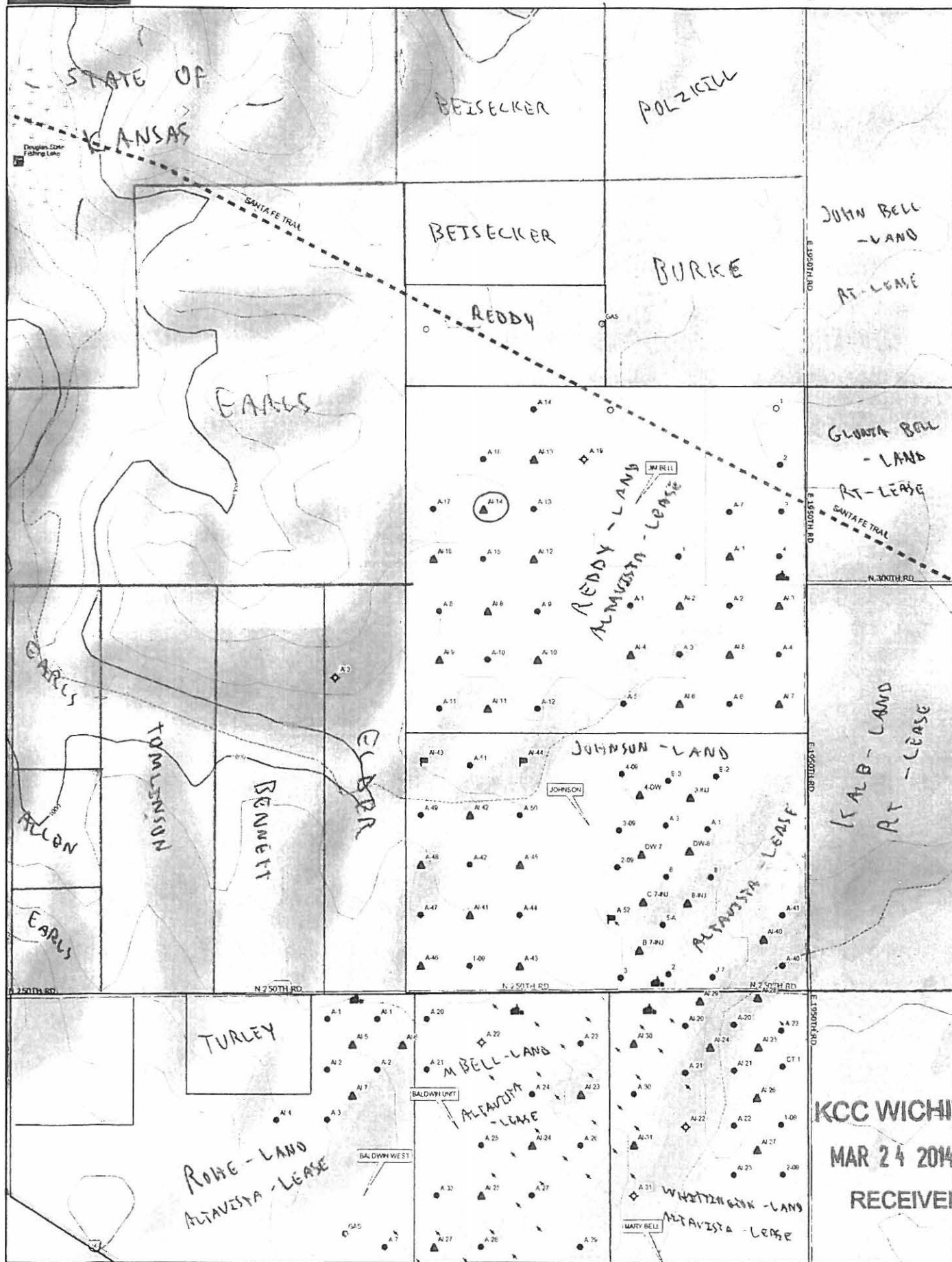
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**JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS**

Offset Operators, Unleased Mineral Owner and Landowners in Townships 14S and 15S, Range 20E, Douglas County

| NAME AND ADDRESS   | LEASEHOLD  |
|--|--|
| R.T. Enterprises of Kansas<br>PO Box 339<br>Louisburg, KS 66053                              | SE/4, W/2 NE/4 – 1-15S-20E<br>N/2 SE/4 – 36-14S-20E<br>E/2 NE/4 – 1-15S-20E        |
| Thomas Beisecker<br>351 E 1950 RD<br>Baldwin City, KS 66006                                  | N/2 NW/4 SW/4 – 36-14S-20E<br>SW/4 NW/4 – 36-14S-20E                               |
| Gloria Bell<br>2503 Missouri St<br>Lawrence, KS 66046  | S/2 SE/4 - 36-14S-20E  |
| John Bell<br>1979 N 300 RD<br>Wellsville, KS 66092   | N/2 SE/4 - 36-14S-20E<br>E/2 NE/4 – 1-15S-20E                                      |
| Marjorie Bell Trust<br>321 Crimson Ave<br>Unit 35<br>Baldwin City, KS 66006                  | Part W/2 SW/4 – 1-15S-20E  |
| Michael Bennett<br>114 Santa Fe Drive<br>Baldwin City, KS 66006                              | Part NE/4 – 2-15S-20E  |
| Billy Burke<br>29351 W 151st St<br>Gardner, KS 66030   | NE/4 SW/4 - 36-14S-20E   |
| Ralph Earles<br>1780 N 300 RD<br>Baldwin City, KS 66006                                      | SE/4 less tract - 35-14S-20E   |
| Daniel and Robyn Elder<br>1896 N 250 RD<br>Baldwin City, KS 66006                            | Part NE/4 – 2-15S-20E  |
| Donald Johnson<br>1934 N 250 RD<br>Baldwin City, KS 66006                                    | S 100 acres NW/4 – 1-15S-20E   |
| Kermit Kalb Trust<br>1973 N 200 RD<br>Wellsville, KS 66092                                   | SE/4, W/2 NE/4 – 1-15S-20E   |
| State of Kansas Dept of Wildlife and Parks<br>900 SW Jackson St, STE 600<br>Topeka, KS 66612 | Tract SE/4, NE/4 – 35-14S-20E  |
| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

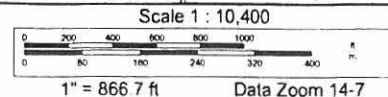
**KCC WICHITA****MAR 24 2014****RECEIVED**



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www.delorme.com



# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

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Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |                 |
|----------------------|-----------------|
| Notary And Affidavit | \$0.00          |
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|                      | <u>\$119.10</u> |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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RE: Altavista Energy, Inc. - Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

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Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

KCC WICHITA  
MAR 24 2014  
RECEIVED

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

Form U-1  
August 2009  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: 03/14/2014

Operator License Number: 34350

Operator: Altavista Energy, Inc.

Address: 4595 K-33 Highway

PO BOX 128

Wellsville, KS 66092

Contact Person: Phil Frick

Phone: 785-883-4057

Permit Number: E - 30944

API Number: 15-045-22076-00-00

**Well Location**

SW SW SW, Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

162 Feet from SOUTH Section Line

5091 Feet from EAST Section Line

Lease Description: S/2 SW/4 - 36-14S-20E, North 60 acres of  
the NW/4 - 1-15S-20E, 140 acres m/l

Lease Name: Jim Bell Well Number: AI-16

Field Name: Baldwin

County: Douglas

**Deepest Usable Water**

Formation: NA

Depth to Bottom of Formation: NA

Check One: ☐ Old Well Being Converted ☒ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 1039 feet Well Total Depth: 920 feet Plug Back Depth: 860 feet

Datum of top of injection formation: +225 feet (reference mean sea level)

**Injection Formation Description:**

| Name            | top / bottom            | perf / open hole | depth                            |
|-----------------|-------------------------|------------------|----------------------------------|
| <u>Squirrel</u> | <u>814</u> / <u>834</u> | <u>perf</u>      | at <u>814</u> to <u>834</u> feet |
|                 |                         |                  | at to 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>Altavista Energy, Inc.</u> | <u>Jim Bell Lease</u> | <u>(See Lease Desc.)</u>   | <u>Return Water</u>     |
| 2.                               |                       |                            |                         |
| 3.                               |                       |                            |                         |

| Producing Formation | Strata Depth                  | Total Dissolved Solids (if available) |
|---------------------|-------------------------------|---------------------------------------|
| 1. <u>Squirrel</u>  | <u>814</u> to <u>834</u> feet | <u>NA</u> mg/l                        |
| 2.                  | to feet                       | mg/l                                  |
| 3.                  | to feet                       | mg/l                                  |

Maximum Requested Liquid Injection Rate: 300 bbls / day; or

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

Maximum Requested Injection Pressure: 750 psig

KCC WICHITA

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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**Well Completion**Type: ☐ Tubing & Packer ☒ Packerless ☒ Tubingless

|                  | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|---------|--------------|------------|--------|
| Size             |           | 7"      |              | 2.875"     |        |
| Setting Depth    |           | 44'     |              | 892'       |        |
| Amount of Cement |           | 5 sx    |              | 116 sx     |        |
| Top of Cement    |           | surface |              | surface    |        |
| Bottom of Cement |           | 44'     |              | 892'       |        |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

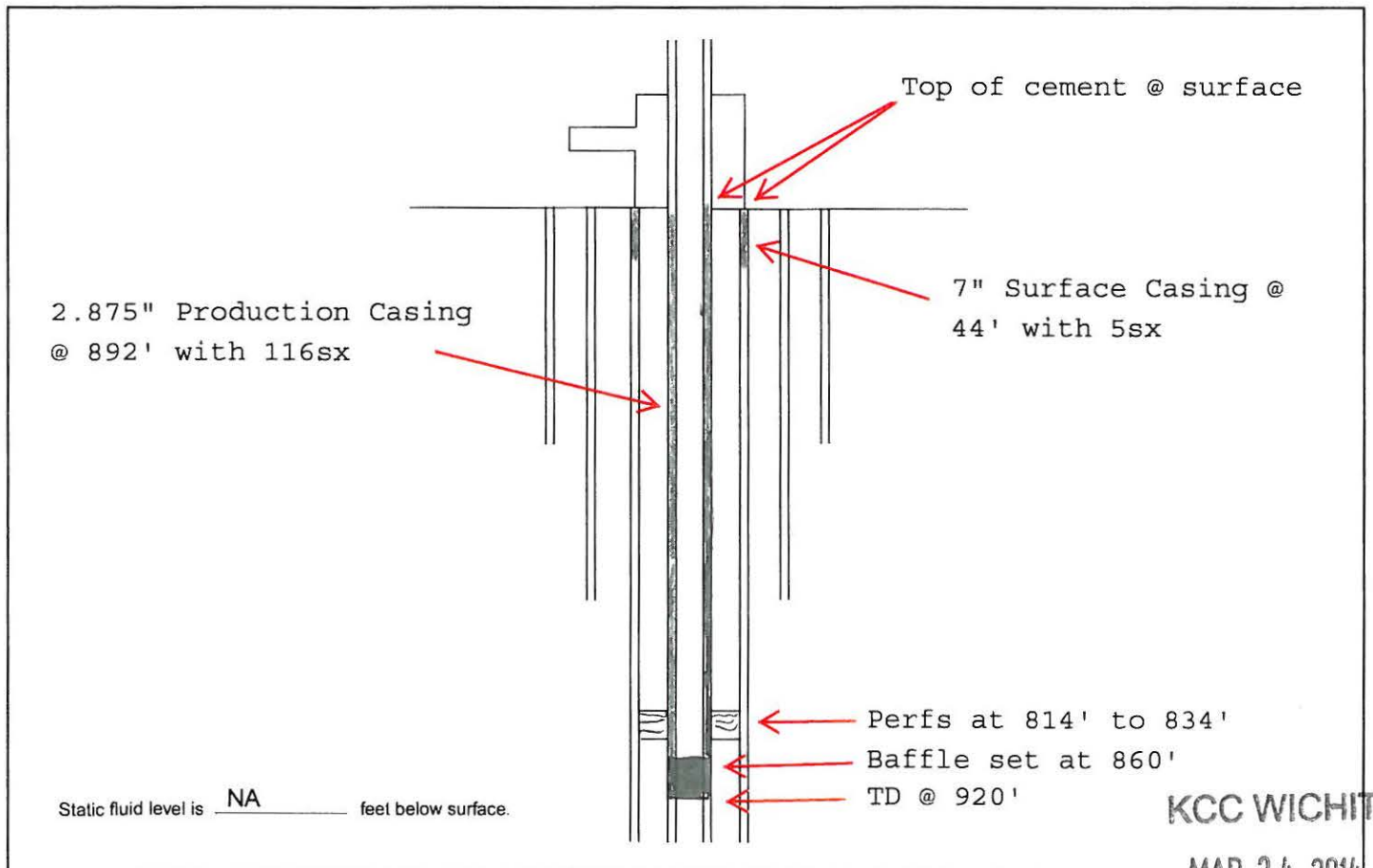
Tubing: Type \_\_\_\_\_ Grade \_\_\_\_\_

Packer: Type \_\_\_\_\_ Depth \_\_\_\_\_

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

List Logs Enclosed: Driller, Gamma Ray/Neutron/CCL**Well Sketch**

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



KCC WICHITA

MAR 24 2014

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

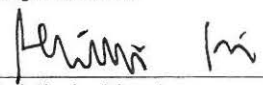
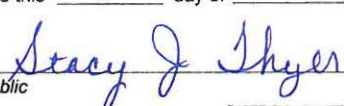
(Attach additional sheets if necessary)

Name:

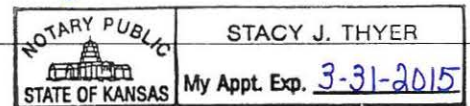
Legal Description of Leasehold:

See Attached

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 14th day of March, 2014
  
 Notary Public

My Commission Expires:

**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.

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MAR 24 2014

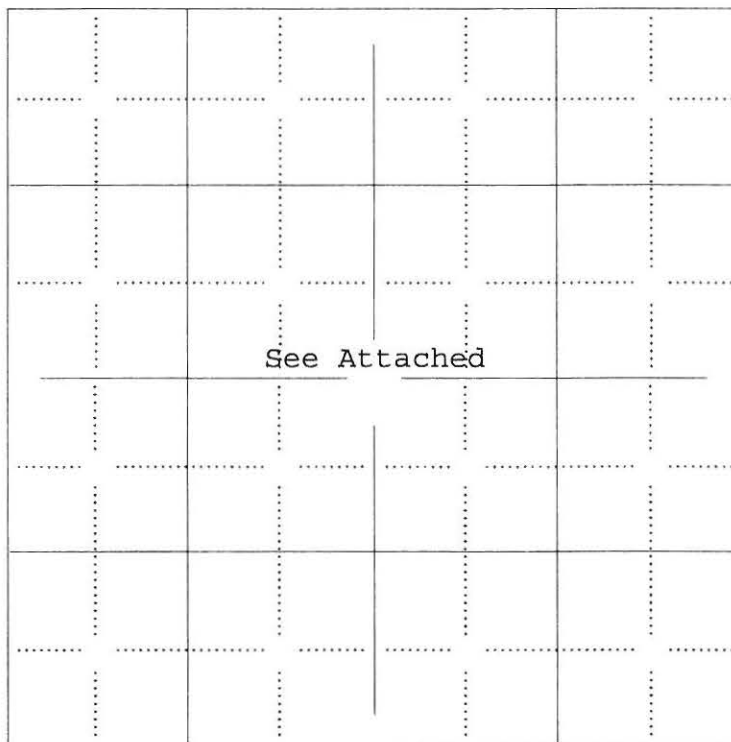
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**Plat and Certificate of Injection Well Location and Surrounding Acreages**

Operator: Altavista Energy, Inc. Location of Well: SW/4 of 36-14S-20E, Douglas County, KS  
 Lease: Jim Bell 162 Feet from SOUTH Section Line  
 Well Number: AI-16 5091 Feet from EAST Section Line  
 County: Douglas Sec. 36 Twp. 14 S. R. 20 ☒ East ☐ West

**Plat**

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.



applicant well

producing well

plugged injection well

D &amp; A well

other injection well

temporary abandoned well

plugged producer

water supply well

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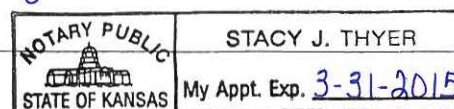
The undersigned hereby certifies that he / she is a duly authorized agent for Altavista Energy, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Alvin H  
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of March, 2014

Stacy J. Thyer  
Notary Public

My Commission Expires: \_\_\_\_\_



**Affidavit of Notice Served**Re: Application for: InjectionWell Name: Jim Bell AI-16 Legal Location: SW/4 of 36-14S-20E, Douglas County, KS

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14th of March, 2014, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

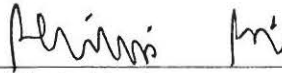
Note: A copy of this affidavit must be served as a part of the application.

Name

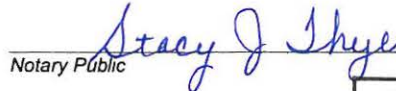
Address (Attach additional sheets if necessary)

See Attached

I further attest that notice of the filing of this application was published in the Lawrence Daily Journal World, the official county publication of Douglas county. A copy of the affidavit of this publication is attached.

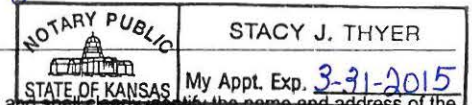
Signed this 14th day of March, 2014


Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 14th day of March, 2014


Notary Public

My Commission Expires: \_\_\_\_\_



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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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**JIM BELL WATERFLOOD ATTACHMENT – ALL WELLS**

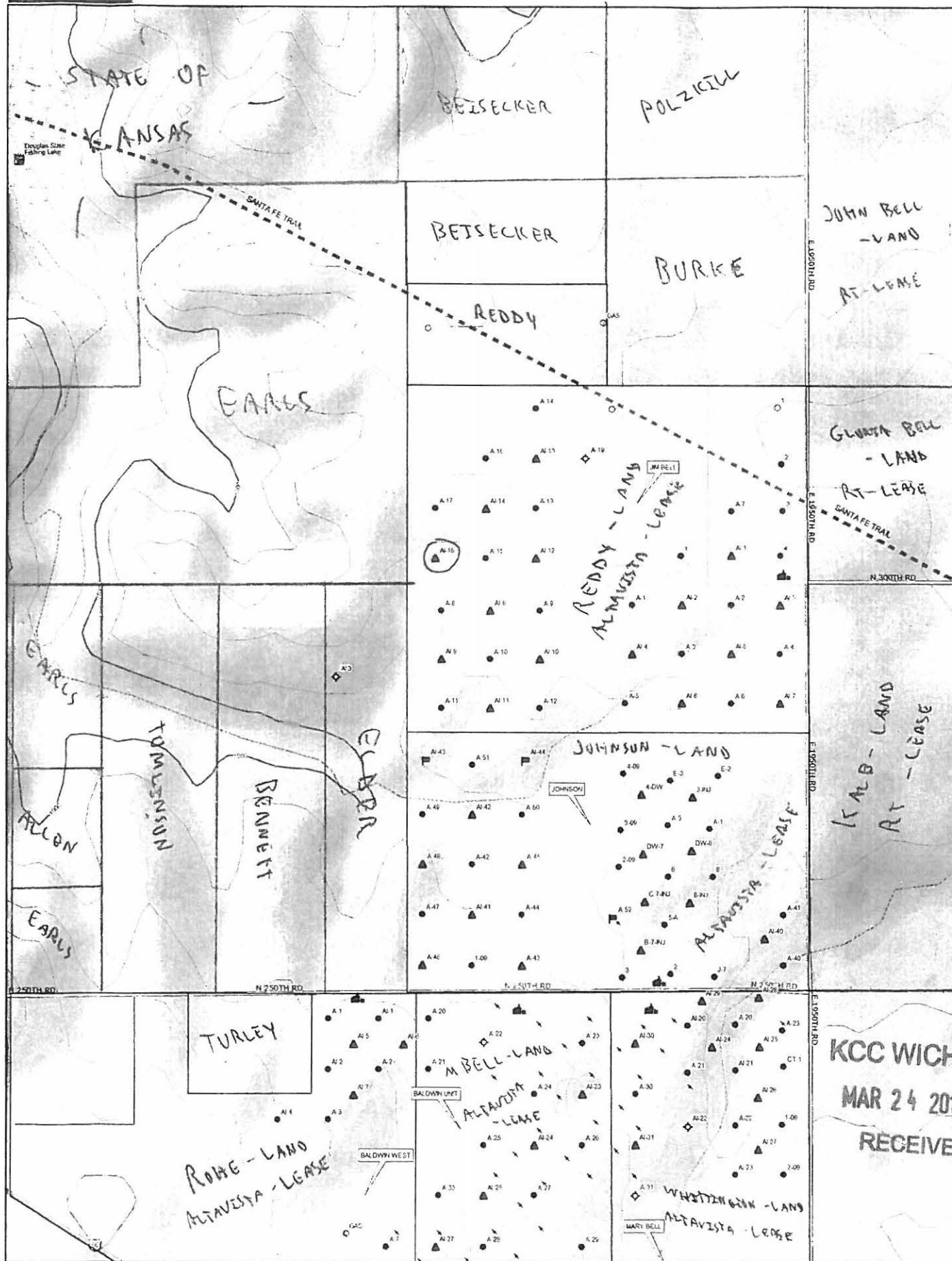
Offset Operators, Unleased Mineral Owner and Landowners in Townships 14S and 15S, Range 20E, Douglas County

| NAME AND ADDRESS   | LEASEHOLD  |
|--|--|
| R.T. Enterprises of Kansas<br>PO Box 339<br>Louisburg, KS 66053                              | SE/4, W/2 NE/4 – 1-15S-20E<br>N/2 SE/4 – 36-14S-20E<br>E/2 NE/4 – 1-15S-20E        |
| Thomas Beisecker<br>351 E 1950 RD<br>Baldwin City, KS 66006                                  | N/2 NW/4 SW/4 – 36-14S-20E<br>SW/4 NW/4 – 36-14S-20E                               |
| Gloria Bell<br>2503 Missouri St<br>Lawrence, KS 66046  | S/2 SE/4 - 36-14S-20E  |
| John Bell<br>1979 N 300 RD<br>Wellsville, KS 66092   | N/2 SE/4 - 36-14S-20E<br>E/2 NE/4 – 1-15S-20E                                      |
| Marjorie Bell Trust<br>321 Crimson Ave<br>Unit 35<br>Baldwin City, KS 66006                  | Part W/2 SW/4 – 1-15S-20E  |
| Michael Bennett<br>114 Santa Fe Drive<br>Baldwin City, KS 66006                              | Part NE/4 – 2-15S-20E  |
| Billy Burke<br>29351 W 151st St<br>Gardner, KS 66030   | NE/4 SW/4 - 36-14S-20E   |
| Ralph Earles<br>1780 N 300 RD<br>Baldwin City, KS 66006                                      | SE/4 less tract - 35-14S-20E   |
| Daniel and Robyn Elder<br>1896 N 250 RD<br>Baldwin City, KS 66006                            | Part NE/4 – 2-15S-20E  |
| Donald Johnson<br>1934 N 250 RD<br>Baldwin City, KS 66006                                    | S 100 acres NW/4 – 1-15S-20E   |
| Kermit Kalb Trust<br>1973 N 200 RD<br>Wellsville, KS 66092                                   | SE/4, W/2 NE/4 – 1-15S-20E   |
| State of Kansas Dept of Wildlife and Parks<br>900 SW Jackson St, STE 600<br>Topeka, KS 66612 | Tract SE/4, NE/4 – 35-14S-20E  |
| Michael Polzkill<br>2116 N 200 RD<br>Wellsville, KS 66092                                    | E/2 NW/4 – 36-14S-20E  |
| Robert Rohe<br>1874 N 201 DIAG RD<br>Baldwin City, KS 66006                                  | SE/4 less tract – 2-15S-20E  |
| Mary Whittington<br>1930 N 200 RD<br>Baldwin City, KS 66006                                  | E/2 SW/4 – 1-15S-20E   |
| Ralph Tomlinson<br>1861 N 250th Rd<br>Baldwin City, KS 66006                                 | Part W/2 NE/4 – 2-15S-20E  |
| Virgil Allen<br>1854 N 250th Rd<br>Baldwin City, KS 66006                                    | Tract in W/2 NE/4 – 2-15S-20E  |
| Franklin Turley – Trust<br>1881 N 250th Rd<br>Baldwin City, KS 66006                         | Tract in SE/4 – 2-15S-20E  |
| Lakshma Reddy<br>1103 Rankin Drive<br>Lawrence, KS 66049                                     | S/2 SW/4 – 36-14S-20E<br>N 60 acres NW/4 – 1-15S-20E<br>S/2 NW/4 SW/4 – 36-14S-20E |

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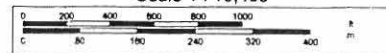
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Scale 1 : 10,400



1" = 866.7 ft Data Zoom 14-7

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# Affidavit in Proof of Publication

STATE OF KANSAS  
Douglas County

Eric Moore of the Legal Dept. of the Lawrence Daily Journal-World being first duly sworn, deposes and says:

That this daily newspaper printed in the State of Kansas, and published in and of general circulation in Douglas County, Kansas, with a general paid circulation on a daily basis in Douglas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication, and which newspaper has been admitted to the mails as periodicals class matter in said County, and that a notice of which is hereto attached, was published in the regular and entire issue of the Lawrence Daily Journal-World

Said newspaper is published daily 365 days 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 been admitted at the post office of Lawrence 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 days/weeks the first publication thereof being made as aforesaid on 03/07/2014 with publications being made on the following dates:

03/07/2014



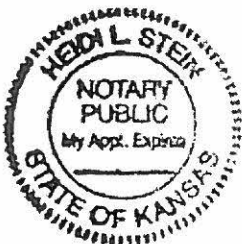
Subscribed and sworn to before me this



Notary Public

My Appointment expires: March 15, 2015

|                      |                 |
|----------------------|-----------------|
| Notary And Affidavit | \$0.00          |
| Additional Copies    | \$0.00          |
| Publication Charges  | \$119.10        |
|                      | <u>\$119.10</u> |



(Published in the Lawrence Daily Journal-World March 7, 2014)

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

RE: Altavista Energy, Inc. - Application for a permit to authorize the enhanced recovery of saltwater into the Jim Bell Lease, well numbers AI-8, AI-9, AI-10, AI-11, AI-12, AI-13, AI-14, AI-16 and Fred Bell 3, located in Douglas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who ever concerned.

You, and each of you, are hereby notified that Altavista Energy, Inc., has filed an application to commence the injection of salt water into the Squirrel formation at the following wells on the Jim Bell Lease located in Section 1, Township 15S, Range 20E:

Jim Bell AI-8, located 5115 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-9, located 4785 feet from the south line, and 5115 feet from the east line.

Jim Bell AI-10, located 4785 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-11, located 4455 feet from the south line, and 4785 feet from the east line.

And the following wells on the Jim Bell Lease located in Section 36, Township

14S, Range 20E:

Jim Bell AI-12, located 165 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-13, located 825 feet from the south line, and 4455 feet from the east line.

Jim Bell AI-14, located 495 feet from the south line, and 4785 feet from the east line.

Jim Bell AI-16, located 162 feet from the south line, and 5091 feet from the east line.

All in Douglas County, Kansas, with a maximum operating pressure of 750 PSIG and a maximum injection rate of 300 bbls per day.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of this publication. These protests shall be filed pursuant to the 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Altavista Energy, Inc.  
4595 K-33 Highway  
PO BOX 128  
Wellsville, KS 66092  
(785) 883-4057

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