



For KCC Use:  
 Effective Date: \_\_\_\_\_  
 District # \_\_\_\_\_  
 SGA?  Yes  No

KANSAS CORPORATION COMMISSION 1153459  
 OIL & GAS CONSERVATION DIVISION

Form C-1  
 March 2010

Form must be Typed  
 Form must be Signed  
 All blanks must be Filled

**NOTICE OF INTENT TO DRILL**

*Must be approved by KCC five (5) days prior to commencing well*

*Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.*

Expected Spud Date: \_\_\_\_\_  
month day year

OPERATOR: License# \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: \_\_\_\_\_

CONTRACTOR: License# \_\_\_\_\_  
 Name: \_\_\_\_\_

Well Drilled For:	Well Class:	Type Equipment:
<input type="checkbox"/> Oil	<input type="checkbox"/> Enh Rec	<input type="checkbox"/> Infield
<input type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Pool Ext.
	<input type="checkbox"/> Disposal	<input type="checkbox"/> Wildcat
<input type="checkbox"/> Seismic ; _____ # of Holes	<input type="checkbox"/> Other	<input type="checkbox"/> Mud Rotary
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Air Rotary
		<input type="checkbox"/> Cable
<input type="checkbox"/> If OWWO: old well information as follows:		

Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No  
 If Yes, true vertical depth: \_\_\_\_\_  
 Bottom Hole Location: \_\_\_\_\_  
 KCC DKT #: \_\_\_\_\_

Spot Description: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
(Q/Q/Q/Q)  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section  
 Is SECTION:  Regular  Irregular?

*(Note: Locate well on the Section Plat on reverse side)*

County: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Field Name: \_\_\_\_\_  
 Is this a Prorated / Spaced Field?  Yes  No  
 Target Formation(s): \_\_\_\_\_  
 Nearest Lease or unit boundary line (in footage): \_\_\_\_\_  
 Ground Surface Elevation: \_\_\_\_\_ feet MSL  
 Water well within one-quarter mile:  Yes  No  
 Public water supply well within one mile:  Yes  No  
 Depth to bottom of fresh water: \_\_\_\_\_  
 Depth to bottom of usable water: \_\_\_\_\_  
 Surface Pipe by Alternate:  I  II  
 Length of Surface Pipe Planned to be set: \_\_\_\_\_  
 Length of Conductor Pipe (if any): \_\_\_\_\_  
 Projected Total Depth: \_\_\_\_\_  
 Formation at Total Depth: \_\_\_\_\_  
 Water Source for Drilling Operations:  
 Well  Farm Pond  Other: \_\_\_\_\_  
 DWR Permit #: \_\_\_\_\_  
*(Note: Apply for Permit with DWR )*  
 Will Cores be taken?  Yes  No  
 If Yes, proposed zone: \_\_\_\_\_

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 DAYS** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

**Submitted Electronically**

<p><b>For KCC Use ONLY</b></p> <p>API # 15 - _____</p> <p>Conductor pipe required _____ feet</p> <p>Minimum surface pipe required _____ feet per ALT. <input type="checkbox"/> I <input type="checkbox"/> II</p> <p>Approved by: _____</p> <p><b>This authorization expires:</b> _____  <small>(This authorization void if drilling not started within 12 months of approval date.)</small></p> <p>Spud date: _____ Agent: _____</p>
--

**Remember to:**

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

**Well will not be drilled or Permit Expired** Date: \_\_\_\_\_  
 Signature of Operator or Agent: \_\_\_\_\_

E  
 W

1153459

For KCC Use ONLY

API # 15 - \_\_\_\_\_

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

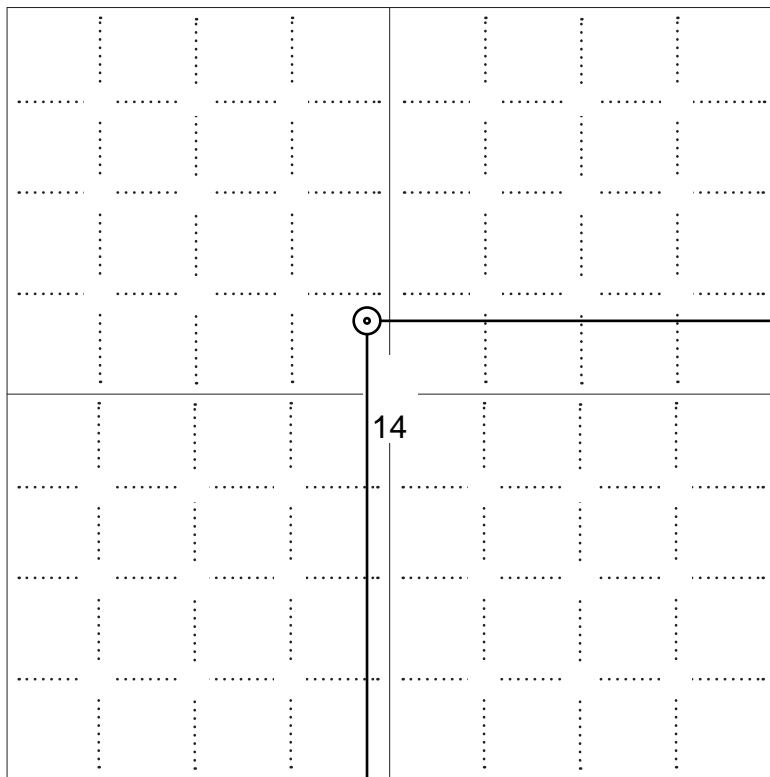
Is Section:  Regular or  Irregular

**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

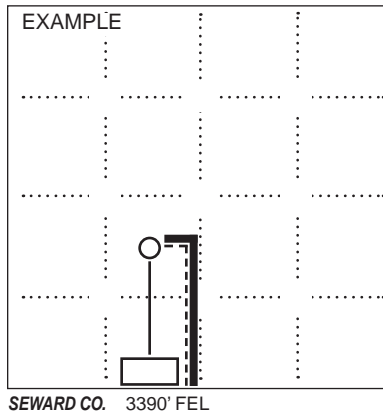
**PLAT**

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



**LEGEND**

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



**NOTE: In all cases locate the spot of the proposed drilling locaton.**

3135 ft.

**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____-_____-_____-_____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used? _____			
Pit dimensions (all but working pits): _____ Length (feet)    _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

<b>KCC OFFICE USE ONLY</b>			
Date Received: _____		Permit Number: _____	
Permit Date: _____		Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Liner		<input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS	



Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically



**AFFIDAVIT**

The undersigned, of lawful age, being first duly sworn, upon oath states:

1. Affiant is Lessor, for purposes of this affidavit, named in the following oil and gas lease:

**Neumer Lease:** Oil & gas lease dated May 15, 2013, by and between Ronald P. Neumer and Brenda L. Neumer, husband and wife, Lessor, and Altavista Energy, Inc., Lessee, covering the following land in Douglas County, Kansas:

A tract of land located in the North half of Section 14, Township 15 South, Range 20 East of the 6<sup>th</sup> P.M., Douglas County, Kansas, more particularly described as follows: Beginning at the Southwest corner of the East half of the East half of the Northwest Quarter; thence North 0° 17' 15" East 1753.22 feet, said point being on the West line of the East half of the East half of the Northwest Quarter; thence South 89° 58' 28" East 1228.50 feet; thence North 0° 17' 15" East 890.14 feet, said point being on the North line of the West half of the Northeast Quarter; thence continuing along said North line South 89° 59' 18" East 361.82 feet; thence South 5° 24' 13" West 751.59 feet; thence South 87° 59' 35" East 483.79 feet, said point being on the East line of the West half of the Northeast Quarter; thence South 0° 28' 14" West 1876.73 feet, said point being the Southeast corner of the West half of the Northeast Quarter; thence South 89° 59' 21" West 2000.88 feet to the point of beginning. (See attached Exhibit A for map)

2. Lessor agrees that Lessee is currently drilling for oil on the above-described Neumer Lease as of the date of this affidavit.

3. Lessee has brought to Lessor's attention that two water well records (see Exhibit B) on the Kansas Geological Survey website show water wells in the exact same location on Lessor's property (location shown on Exhibit A Map), and that these water well records have resulted in several drilling intent forms for the Neumer Lease to be placed on a 15 day hold.

4. Upon review of these facts, and subsequent exploration by Lessee, both Lessor and Lessee find the two water well records to be in error as to the location of any known water well on the property, there are no known water wells on the property other than the one drilled by Lessor that is located north of Lessor's house and is more than 660 feet from any proposed drilling location, and Lessor hereby states that they have no interest in disputing the proposed locations of any oil or injection well on the Neumer Lease based on the data in the water well records shown in Exhibit B.

Date: 7-26-2013

  
Ronald P. Neumer Lessor

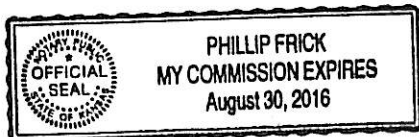
Date: 7-26-2013

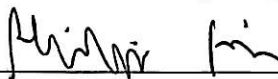
  
Brenda L. Neumer Lessor

STATE OF KANSAS     )  
                                  )ss:  
COUNTY OF DOUGLAS    )

BE IT REMEMBERED that on this 26 day of July, 2013 before me, the undersigned, a Notary Public, duly commissioned, in and for the county and state aforesaid, Ronald P. Neumer and Brenda L. Neumber, personally known to me to be the same persons who executed the foregoing instrument of writing, and they duly acknowledged the execution of the same for themselves and for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year last above written.

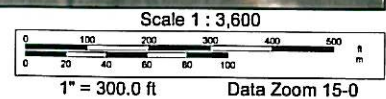


  
Notary Public  
Appointment Expires:

# EXHIBIT A



Data use subject to license.  
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www.delorme.com





Scan of WWC5 Form

EXHIBIT B

USE TYPEWRITER OR BALL POINT PEN--PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD  
KSA 82a-1201-1215

Kansas Department of Health and Environment--Division of Environment  
(Water Well Contractors)  
Topeka, Kansas 66620

95.15909; 38.74853 416

1. Location of well: County: <b>Douglas</b>		Section: <b>NE 1/4 SE 1/4 HW 1/2</b>		Section number: <b>14</b>	Township number: <b>15</b>	Range number: <b>20</b>
2. Distance and direction from nearest town or city: Street address of well location if in city: <b>15 W BALDWIN KAN</b>				3. Owner of well: <b>Charles Hines</b> R.R. or street: <b>R#</b> City, state, zip code: <b>BALDWIN KANSAS</b>		
4. Locate with "X" in section below: N NW NE SW SE S 1 Mile		Sketch map: HOUSE BARN SEPTIC		6. Bore hole dia. <b>8 1/2</b> in. Completion date <b>3-8-78</b> Well depth <b>100</b> ft. <b>9' to 20'</b>		
5. Type and color of material		From	To	7. <input checked="" type="checkbox"/> Cables tool <input type="checkbox"/> Battery <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary		
soil		0	5	8. Uses: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other		
lime		5	7	9. Casing: Material <input type="checkbox"/> Height: Above or below Flanged <input type="checkbox"/> Welded <input type="checkbox"/> Surface <b>20</b> in. RMP <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Weight <b>80</b> lbs./ft.		
gray shale		7	45	Dia. <b>8 1/2</b> in. to <b>100</b> ft. depth Wall thickness: inches or Dia. <b>8 1/2</b> in. to <b>100</b> ft. depth Pipe No. <b>SCB 40</b>		
white sand		45	60	10. Screens: Manufacturer's name <b>CROWN LINE</b> Type <b>DVC</b> Dia. <b>8 1/2</b> Slot/ gauze <b>3/8</b> Length <b>20</b> Set between <b>60</b> ft. and <b>80</b> ft. ft. and _____ ft. Gravel pack? <b>NO</b> Size range of material _____		
gray shale		60	100	11. Static water level: <input checked="" type="checkbox"/> no./day/yr. <b>20</b> ft. below land surface Date _____		
				12. Pumping level below land surface: _____ ft. other _____ hrs. pumping _____ g.p.m. _____ ft. other _____ hrs. pumping _____ g.p.m. Estimated maximum yield _____ g.p.m.		
				13. Water sample submitted: _____ no./day/yr. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____		
				14. Well head completion: _____ fittings adapter <b>20"</b> inches above grade		
				15. Well grouted? <input checked="" type="checkbox"/> With <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth from <b>20</b> ft. to <b>22</b> ft.		
				16. Nearest source of possible contamination: ft. <b>100</b> Direction <b>S</b> Type <b>SEPTIC</b> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
				17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of drop pipe _____ ft. capacity _____ g.p.m. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other		
18. Elevations:		19. Remarks:				
Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input checked="" type="checkbox"/> Upland <input type="checkbox"/> Valley		20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <b>EDGAR SUWANK DELLINGER</b> Business name _____ License No. _____ Address <b>BALDWIN KAN</b> Signed <b>Edgar Suwank</b> Date <b>3-8-78</b> Authorized representative				

15909 3874853 NE 1/4 SE 1/4 HW 1/2

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

Kansas Geological Survey  
Comments to webadmin@kgs.ku.edu  
URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html  
Display Programs Updated July 29, 2004  
Data added continuously.

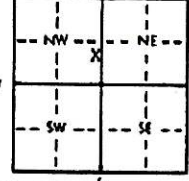




EXHIBIT B (CONTINUED)

Scan of WWC5 Form

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: <b>DOUGLAS</b>		Fraction <b>NE 1/4 SE 1/4 NW 1/4</b>	Section Number <b>14</b>	Township Number <b>T 15 S</b>	Range Number <b>R 20 <u>EW</u></b>
Distance and direction from nearest town or city street address of well if located within city? <b>1 1/2 east, 1 1/2 south of Baldwin</b>					
2 WATER WELL OWNER: <b>Lloyd Bilhimer</b> RR#, St. Address, Box #: <b>P.O. Box 384</b> City, State, ZIP Code: <b>Baldwin, KS 66006</b> <b>Breuer job</b> Board of Agriculture, Division of Water Resources Application Number:					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL... <b>100'</b> ft. ELEVATION: Depth(s) Groundwater Encountered 1. <b>30-54</b> ft. 2. <b>3</b> ft. WELL'S STATIC WATER LEVEL... <b>22'</b> ft. below land surface measured on <b>4-19-95</b> Pump test data: Well water was ... ft. after ... hours pumping ... gpm Est. Yield ... <b>7</b> gpm: Well water was ... ft. after ... hours pumping ... gpm Bore Hole Diameter... <b>8 3/4</b> in. to ... in. and ... in. to ... ft. WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below) Was a chemical bacteriological sample submitted to Department? Yes... No... <b>X</b> ... If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <b>X</b> No			
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <b>X</b> Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter... <b>5"</b> in. to <b>0-30</b> ft. Dia... <b>5"</b> in. to <b>60-100</b> ft. Dia... Casing height above land surface... <b>24"</b> in. weight... <b>2.82</b> lbs./ft. Wall thickness or gauge No... <b>258</b> TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punchod 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From... <b>30</b> ft. to... <b>60</b> ft. From... ft. to... ft. GRAVEL PACK INTERVALS: From... <b>24</b> ft. to... <b>100</b> ft. From... ft. to... ft. 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout intervals: From... <b>4</b> ft. to... <b>24</b> ft. From... ft. to... ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage Direction from well? <b>NE</b> How many feet? <b>210'</b>					
LITHOLOGIC LOG		PLUGGING INTERVALS			
FROM	TO		FROM	TO	
0	1	Top Soil			
1	3	Clay-Brown			
3	47	Sandstone-Brown			
47	55	Sandstone-Grey			
55	100	Shale-Grey			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>4-19-95</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>182</b> This Water Well Record was completed on (mo/day/yr) <b>3-5-95</b> under the business name of <b>STRADER DRILLING CO., INC.</b> by (signature) <i>[Signature]</i>					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620 0001. Telephone: 813-296-5545. Send one to WATER WELL OWNER and retain one for your records.					

Kansas Geological Survey  
 Comments to webadmin@kgs.ku.edu  
 URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html  
 Display Programs Updated July 29, 2004  
 Data added continuously.

**NOTICE TO OPERATORS FILING INTENT TO DRILL  
FOR DISPOSAL OR ENHANCED RECOVERY  
INJECTION WELLS, (CLASS II INJECTION WELL)**

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.