

# DAILY ROUTE SLIP

Hubbard  
Twp.

APPLICATION NO. aAMY0000420 TYPE: Salt Water Injection Well

CONAME D & L ENERGY INC API

WELL NAME /NO. NORTHSTAR NEXLEV 5

COUNTY 155 TRUMBULL INITIALS DATE

DATE APPLICATION REC'D  AM 9/26/2011

PERMIT FEE AND CHECK NO. \$1,000.00 21461

RUSH AMOUNT RUSH CHECK NO. \$0.00 0

APPLICATION ENTERED AM 9/26/2011

APPLICATIONS AND PLATS SENT FOR MINE APPROVAL AM 9/26/2011

COAL APPROVAL RECEIVED [Signature]

OIL/GAS AFFIDAVIT REC'D [Signature]

URBANIZED AREA NOTIFICATION SENT [Signature]

URBANIZED AREA NOTIFICATION SENT TO INSPECTOR/REC'D BACK [Signature]

URBAN MAP REVIEW [Signature]

SAMPLES: YES        /SPECIAL AREAS [Signature]

GEOLOGIST APPROVAL [Signature]

DATA ENTRY /ISSUED [Signature]

PERMIT: TAKEN        MAILED        [Signature]

FAX TO:       

FINAL MAP CHECK       

COMMENTS: needs notification letters - called  
company 10/6/11

## INTER-OFFICE MEMO

**TO: Steve Ochs, Mineral Resources Inspector**  
**FROM: Tom Tomastik, Geologist**   
**SUBJECT: Application and Site Evaluation for a SWIW permit**  
**DATE: October 20, 2011**

The Division of Mineral Resources Management has received an application for the proposed saltwater injection well as described below:

**OPERATOR:** D & L Energy, Inc.  
**WELL NAME & NUMBER:** Northstar Nexlev # 5  
**PERMIT NUMBER:** New well, SWIW #20  
**LOCATION:** 528' NL & 562' WL of Section 35, Hubbard Twp., Trumbull County  
**PROPOSED INJECTION ZONE:** Knox – Mt. Simon Sandstone  
**DATE RECEIVED:** September 26, 2011

Please inspect proposed site and evaluate for any potential water wells or surface bodies of water within close proximity that would require any additional permit conditions for the construction of the SWIW surface facilities. Please e-mail me a copy of the site inspection report with any recommendations.

# Proof Sheet

APPL NUMBER   
OWNER NUMBER   
OWNER NAME   
EXISTING WELL   
API PERMIT NO   
APPL TYPE   
TYPE OF WELL   
VARIANCE REQUEST   
WELL NAME   
WELL NUMBER   
PREV/PROPOSED TD   
DRILL UNIT ACRES   
TYPE OF TOOL   
WELL CLASS   
FIRE PHONE   
MEDICAL PHONE   
COUNTY CODE   
COUNTY NAME   
COAL (Y=-1/N=0)   
CIVIL TOWNSHIP   
SURF QUAD   
Nad 27 SURF ORIG X   
Nad 27 SURF ORIG Y   
GROUND ELEVATION   
SURF SEC   
SURF LOT   
SURF QTR TWP   
SURF ALLOT   
SURF TRACT   
SURF FRACTION

URBANIZED AREA ?   
NAME

DISPOSAL PLAN 1   
DISPOSAL PLAN 2   
DISPOSAL PLAN 3   
DISPOSAL PLAN 4   
DISPOSAL PLAN 5

MP Check #

### PROPOSED FORMATIONS

TARG CIVIL TWP   
TARG QUAD   
Nad 27 TARG ORIG X   
Nad 27 TARG ORIG Y   
TARG ELEV   
TARG SECTION   
TARG LOT   
TARG QTR TWP   
TARG ALLOT   
TARG TRACT   
TARG FRACTION

# Proof Sheet

## SURFACE FOOTAGE

528 NL E 562' WL OF SECT 35

## TARGET FOOTAGE


## CASING PROGRAM

09	13 1/8	100
09	9 5/8	<del>100</del> 1010
32	7	8215
40	4 1/2	85

## SPECIAL CONDITIONS/COMMENTS

Class II Drilling and Operating Conditions

COMPLETION DT

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MINES APPROVAL

—

AFFIDAVIT APPROV

12/29/2011

FINAL ENTRY DATE

12/29/2011

**APPLICATION CHECKLIST**

*Drumhull Co. Horizontal Imp.*

*SWW # 20, New well*

*Permit # 4050*

*Knox - Mt. Summit*

	Date	Initials
Enter on Agenda	9/26/11	[Signature]
Completeness Review	9/26/11	[Signature]
Date - Time Stamp	9/26/11	[Signature]
Area of Review	10/11/11	[Signature]
Site Evaluation	10/26/11	[Signature]
Permitting Section	9/26/11	[Signature]
Memo to Inspector	10/20/11	[Signature]
Public Notice	10/20/11	[Signature]
Letter	10/20/11	
Date Run	10/27/11	
15 Days	11/11/11	
Review Public Notice	11/17/11	[Signature]
Affidavit of Notification	10/19/11	[Signature]
Objections Received	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	[Signature]
Public Hearing Date	12/13/11	[Signature]
Chief's Order, if Required	N/A	[Signature]
Schematic	10/25/11	[Signature]
Plot on Map	10/11/11	[Signature]
Review by Geologist	12/29/11	[Signature]
Permit Conditions (Same date as permit)	12/29/11	[Signature]
Enter on Computer (Same or later date than Chief's Order)	12/29/11	[Signature]
Enter on Master List	10/11/11	[Signature]
EPA Form	10/20/11	[Signature]
Mail Permit	12/29/11	[Signature]
Update Agenda	12/29/11	[Signature]
File	12/29/11	[Signature]

**RECORD OF CONVERSATION**

*Received SWW affidavit on 10/19/11 [Signature]*

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**D & L ENERGY, INC.**  
**LAND DEPARTMENT**

2761 Salt Springs Road, Youngstown, Ohio 44509  
(330) 792-9524 (888) 343-4427 Fax (330) 270-1202  
[www.dandlenergy.com](http://www.dandlenergy.com)

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September 23, 2011

Ohio Department of Natural Resources  
Division of Mineral Resources Management  
2045 Morse Road, Building H-3  
Columbus, OH 43229-6693

Ladies and Gentlemen:

Enclosed please find the Application for a Permit to drill a **Saltwater Injection Well** and the required documentation for the following wells:

**North Star Nexlev Well #5**  
**North Star Collins Well #6**

Also, enclosed is check #21461, in the amount of \$2,000.00.

If you have any questions, please contact Nicholas Paparodis at 330-792-9524, ext. 132.

Very truly yours,

D&L ENERGY, INC.

A handwritten signature in cursive script that reads 'Kimberly Little'.

Kimberly Little  
Land Administration

/kl

Enclosures

**RECEIVED**

**SEP 26 2011**

**APPLICATION FOR A PERMIT (Form 1)**  
 OHIO DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF MINERAL RESOURCES MANAGEMENT  
 2045 Morse Road, Building H-3  
 COLUMBUS, OHIO 43229-6693  
 (614) 265-6633

#21461  
 \$1000.00

*Handwritten:* 10000 420

**SEE INSTRUCTIONS ON PAGE 2 (BACK)**

1. I, We (applicant) <u>D&amp;L ENERGY, INC.</u>		2. Owner #: <u>2651</u>	
(address) <u>2761 SALT SPRINGS RD., YOUNGSTOWN, OH 44509</u>		Phone #: <u>330-792-9524</u>	
hereby apply this date <u>SEPT. 8</u> , 20 <u>11</u> for a permit to:			
<input type="checkbox"/> Reissue (check appropriate blank)	<input type="checkbox"/> Revised Location	<input type="checkbox"/> Convert	
<input checked="" type="checkbox"/> Drill New Well	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Deepen	
<input type="checkbox"/> Drill Directionally	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Reopen	
<input type="checkbox"/> Drill Horizontally	<input type="checkbox"/> Orphan Well Program	<input type="checkbox"/> Temporary Inactive	
3. TYPE OF WELL: <input type="checkbox"/> Oil & Gas <input type="checkbox"/> Annular Disposal <input checked="" type="checkbox"/> Saltwater Injection			
<input type="checkbox"/> Stratigraphic Test <input type="checkbox"/> Gas Storage <input type="checkbox"/> Other (explain): _____			
<input type="checkbox"/> Solution Mining* <input type="checkbox"/> Enhanced Recovery* (* if checked, select appropriate box below)			
<input type="checkbox"/> Input/Injection <input type="checkbox"/> Water Supply <input type="checkbox"/> Observation <input type="checkbox"/> Production/Extraction			
4. MAIL PERMIT TO: D&L ENERGY, INC. 2761 SALT SPRINGS RD. YOUNGSTOWN, OH 44509		20. TYPE OF TOOLS:	
		<input type="checkbox"/> Cable <input type="checkbox"/> Air Rotary	
		<input type="checkbox"/> Cable / Air Rotary <input checked="" type="checkbox"/> Air / Fluid Rotary	
		<input type="checkbox"/> Cable / Fluid Rotary <input type="checkbox"/> Fluid Rotary	
		<input type="checkbox"/> Cable / Air / Fluid Rotary <input type="checkbox"/> Service Rig	
5. COUNTY: <u>TRUMBULL</u>		21. PROPOSED CASING PROGRAM:	
6. CIVIL TOWNSHIP: <u>HUBBARD TWP.</u>		<i>13 3/8" 9-5/8" - 1010</i>	
7. SECTION: <u>35</u> 8. LOT: _____		<i>11 3/4" FOR 100 FT. 8 3/4" FOR 100 FT CEMENTED TO SURFACE, 7" CEMENTED TO SURFACE</i>	
9. FRACTION: _____ 10. QTR TWP: _____		<i>7" - 0215' cement w/ 165 SACS.</i>	
11. TRACT / ALLOT: _____			
12. WELL #: <u>5</u>			
13. LEASE NAME: <u>NORTHSTAR NEXLEV</u>			
14. PROPOSED TOTAL DEPTH: <u>9300</u>			
15. PROPOSED GEOLOGICAL FORMATION: <u>KNOX-PRECAMBRIAN Mt. Summit</u>		22. FIRE AND MEDICAL DEPARTMENT TELEPHONE NUMBERS: (closest to well site)	
16. DRILLING UNIT IN ACRES (must be same as acres indicated on plat): <u>3.98</u>		Fire: <u>911</u>	
		Medical: <u>911</u>	
17. IF PERMITTED PREVIOUSLY:		23. MEANS OF INGRESS & EGRESS:	
API #: _____		Township Road: _____	
OWNER: _____		County Road: <u>HUBBARD MASURY RD</u>	
WELL #: _____		Municipal Road: _____	
LEASE NAME: _____		State Highway: <u>S.R. 7</u>	
TOTAL DEPTH: _____			
GEOLOGICAL FORMATION: _____		24. IS THE WELL LOCATION OR PRODUCTION FACILITIES WITHIN AN URBANIZED AREA AS DEFINED BY 1509.01(Y) ?	
18. IF SURFACE RIGHTS ARE OWNED BY THE OHIO DEPARTMENT OF NATURAL RESOURCES		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Division Name: <u>N/A</u>			
Division Phone: _____			
19. LANDOWNER ROYALTY INTEREST:			
Is There An Attached List? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Name: <u>NEXLEV INC.</u>		<b>RECEIVED</b>	
Address: <u>7041 TRUCKWORLD BLVD., HUBBARD, OH 44425</u>		<b>SEP 26 2011</b>	
Name: _____			
Address: _____			
Name: _____			
Address: _____			

I, the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the facts stated herein are true, correct, and complete, to the best of my knowledge.

I, the undersigned, further depose and state that I am the person who has the right to drill on the tract or drilling unit and to drill into and produce from a pool and to appropriate the oil or gas that I produce therefrom either for myself or others as described in this application. And furthermore, I the undersigned, being duly sworn, depose and state at this time that I am not liable for any final nonappealable order of a court for damage to streets, roads, highways, bridges, culverts, or drainage ways pursuant to Section 5577.12 of the Ohio Revised Code (ORC). I, the undersigned, further depose and state that all notices required by 1509.06 (A) (9) ORC for this application have been duly provided by me. If applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, ORC, have been given.

That I hereby agree to conform with all provisions of Chapter 1509, ORC and Chapter 1501, OAC, and all orders and conditions issued by the Chief, Division of Mineral Resources Management.

Signature of Owner/Authorized Agent *Nicholas Paparodis* Title V.P. LAND OPERATIONS

Name (Type or Print) NICHOLAS PAPANODIS

If signed by Authorized Agent, a certificate of appointment of agent must be on file.

Sworn to and subscribed before me this 20 day of September 2011

*Kimberly A. Little*  
 (Notary Public)

**KIMBERLY A. LITTLE**  
**MY COMMISSION EXPIRES**  
**JUNE 1, 2014**  
 (Date Commission Expires)

**SUPPLEMENT TO APPLICATION  
PERMIT FOR A SALTWATER INJECTION WELL (Form 210)**

Ohio Department of Natural Resources, Division of Mineral Resources Management  
2045 Morse Road, Bldg H3  
Columbus, OH 43229-6693

AREA OF REVIEW. An application for a saltwater injection well (SWIW) will be evaluated on the basis of an "area of review" surrounding the proposed well. The area of review for wells in which injection of greater than two hundred barrels per day is proposed shall be the area circumscribed by a circle with the center point at the location of the injection well and a radius of one-half mile. The area of review for wells in which a maximum injection of two hundred barrels per day or less is proposed shall be the area circumscribed by a circle with the center point at the location of the injection well and a radius of one-quarter mile.

**31. PROPOSED INJECTION ZONE**

Geological Formation: Knox-Precambrian  
 Injection Interval: From: 8215 feet to 9180  
 Geologic description of injection zone: Interbedded, sandstone, limestone, dolomite, arkose sands

**32. WELL CONSTRUCTION AND OPERATION**

- A. Description of the proposed casing and cement program for new wells, or of the casing, cementing or sealing with prepared clay for existing wells to be converted:  
Set 100' of 13-3/8" conductor, drill to 1010' and set 1010' of 9-5/8" casing with 300 sacks of superlite cement, drill 8-3/4" hole from 1010' to 9184' and set 8215' of 7" casing, set casing annulus packer (cap) at 8215', cement 7" casing from 8215' with 165 sacks SFL cement.  
*4 1/2" set as packer at 8140' or 85' above injection zone*
- B. Proposed method for testing the casing:  
Mechanical Integrity test, then daily monitoring with a chart recorder.  
*Pressure test tubing/casing annulus to at least 1980 psi for 15 minutes with all same flows & flow rates desired*
- C. Description of the proposed method for completion and operation of the injection well:  
Acidize and injection test thru 7" casing. Install 4' lined tubing with Baker packer set.
- D. Description of the proposed unloading, surface storage, and spill containment facilities:  
Concrete unloading pad  
20 - 500 BBL steel holding and settling tanks contained in a 81'x140' concrete containment area with 5'-2" concrete walls.

*\* Full scale diagrams  
Submitted to the Division*

*[Signature]*

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**33. PROPOSED INJECTION VOLUMES**

- A. Indicate the estimated amount of saltwater to be injected into the proposed injection well per day:  
 AVERAGE: 1500 BBL MAXIMUM: 3500 BBL
- B. Indicate the method to be used to measure the actual amount of saltwater injected into the well:  
Daily water tickets and BBL counter.

**34. PROPOSED INJECTION PRESSURES**

- A. Indicate the estimated pressure to be used for injection of saltwater into the proposed injection well:  
 AVERAGE: 1200 MAXIMUM: 1890
- B. Indicate the method to be used to measure the actual daily injection pressure:  
Chart recorder

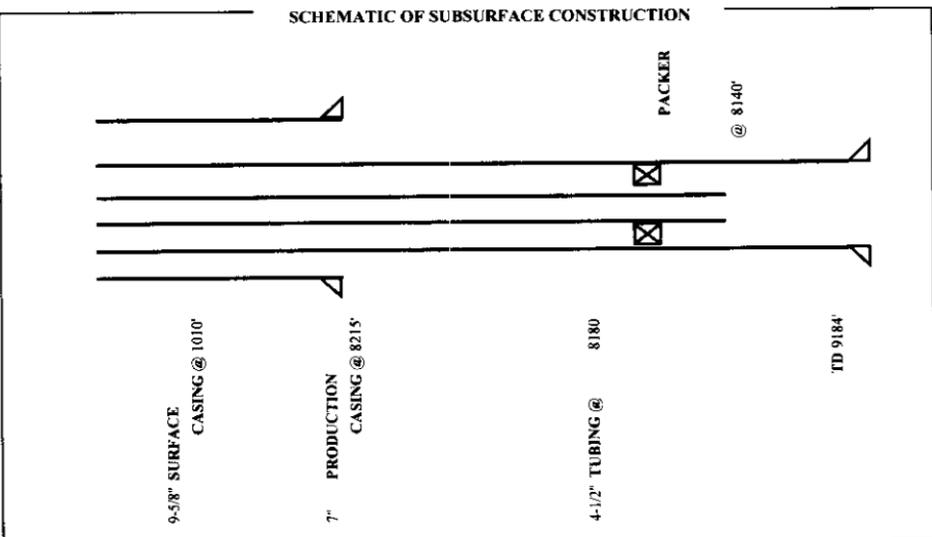
**35. PROPOSED CORRECTIVE ACTION**

Explain any corrective action proposed for wells penetrating the proposed injection formation or zone within the area of review:  
n/a

36. **MAP.** Each application for a permit shall be accompanied by a map or maps showing and containing the following information:

- A. The subject tract of land on which the proposed injection well is to be located.
- B. The location of the proposed injection well on the subject tract established by an Ohio registered surveyor showing the distances in feet from the proposed well site to the boundary lines on the subject tract;
- C. The geographic location of all wells, penetrating the formation proposed for injection regardless of status, within the area of review;
- D. All holders of the land owner's royalty interest of record, or holders of the severed oil and gas mineral estates of record in the subject tract;
- E. All owners or operators of wells producing from or injecting into the same formation proposed as the injection formation.

37. **SCHEMATIC DRAWING OF SUBSURFACE CONSTRUCTION.** Label the schematic drawing below indicating size and setting depth of surface casing, intermediate (if any) and production casings; amount of cement used, measured or calculated tops of cement; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval. If the proposed input well design is substantially different from the schematic below, attach on a separate sheet a schematic of your proposal labeled with the above information.



38. Public notice of an application for an enhanced recovery project is required by law. In addition, the applicant must submit, on an attached sheet, a list of the names and address of those persons required to receive personal notice in accordance with Rule 1501:9-5-05(E)(1), of the Ohio Administrative Code.

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SEP 26 2011

After submitting the application, and after a determination by the Division that it is complete as required by the rules of the Division, a legal notice must be published by the applicant in a newspaper of general circulation in the area of review. The legal notice must contain the information described in Rule 1501:9-5-05(E)(1) of the Ohio Administrative Code. A copy of the notice must be delivered to all owners or operators of wells within the area of review producing from or injecting into the same formation proposed as the injection formation. Proof of publication, publication date, and an oath as to the delivery to those entitled to receive personal notice under this method must be filed with the Division within thirty days after the Division determines that the application is complete.

In addition, notice of all applications for enhanced recovery projects will be published in the Division's Weekly Circular.

The undersigned hereby agrees to comply with all provisions for an enhanced recovery project as required by Chapter 1501:9-5 of the Ohio Administrative Code. In addition, the undersigned deposed and says that he shall conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all orders and rules issued by the Chief, Division of Mineral Resources Management.

Owner/Authorized Agent (Type or Print): Nicholas C. Paparodis

Signature of Owner/Authorized Agent: [Signature] Title: VP Legal Operations

Permanent Address of Home Office: 2761 Salt Springs Road, Youngstown, OH 44509

If signed by Authorized Agent, a certified copy of appointment of agent must be on file with the Division.

SWORN to and subscribed before me this 20 day of September, 2011

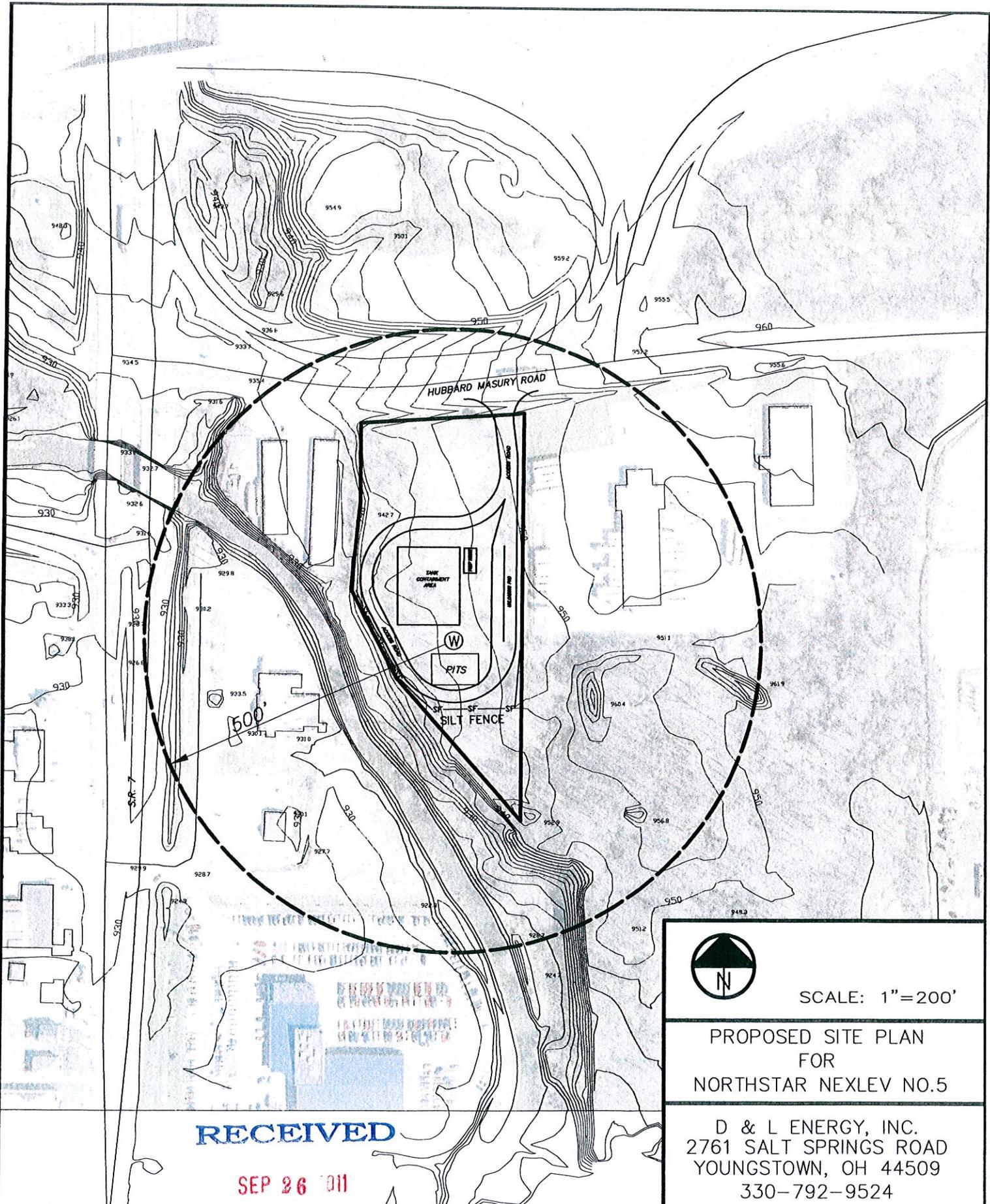


**KIMBERLY A. LITTLE**  
MY COMMISSION EXPIRES  
JUNE 1, 2014

[Signature]  
Notary Public  
6/1/2014

Date Commission Expires





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SCALE: 1"=200'

PROPOSED SITE PLAN  
FOR  
NORTHSTAR NEXLEV NO.5

D & L ENERGY, INC.  
2761 SALT SPRINGS ROAD  
YOUNGSTOWN, OH 44509  
330-792-9524

Latitude: 41° 10' 24.73"  
NORTH: 554888

Longitude: 80° 33' 59.93"  
EAST: 2500693

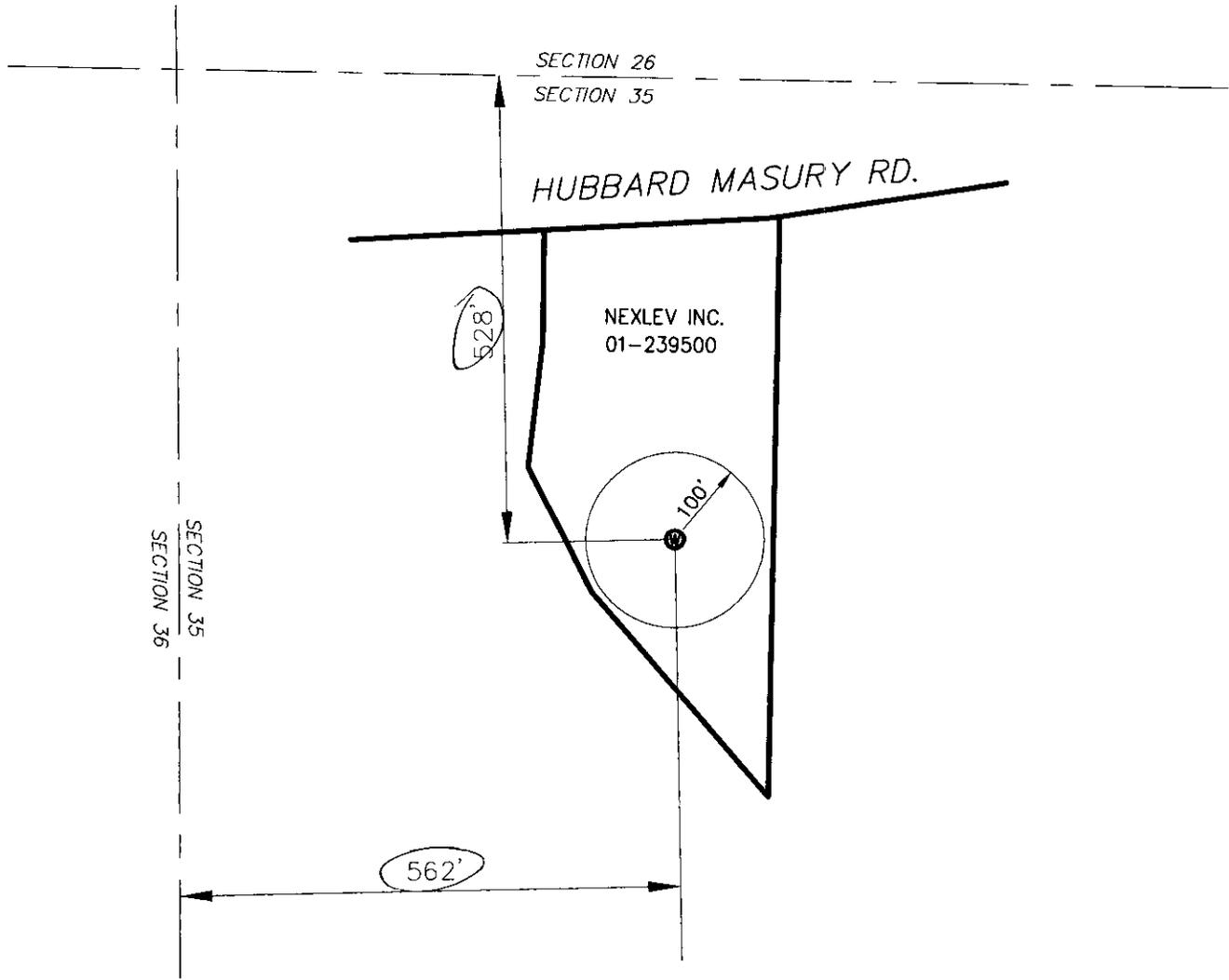
# WELL LOCATION PLAT

*Am 7/4/20*

LEGEND:

- ⊙ PROPOSED BRINE WATER INJECTION WELL
- NEW LOCATION

*NAD 27 X 2532151  
Y: 554856*



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SEP 26 2011

*528' NLR 562' WL OF SECT 35 3.98 AC KNX-PC - SW1W-RT*

Surveyor or Engineer GARY TANERI	Phone # 330-207-5502	Date SEPT. 8, 2011	Scale 1"=200'	Acres 3.98
Lat. & Long Metadata Method GPS	Accuracy 3 ft.	Datum NAD83	Elevation Metadata Method USGS	Accuracy 10 ft.
Survey Date 9/01/11	Applicant / Well Operator Name D & L ENERGY, INC.	Well(Farm) Name NORTHSTAR NEXLEV	Well # 5	
Address 2761 SALT SPRINGS ROAD YOUNGSTOWN, OH 44509	County TRUMBULL	Municipality HUBBARD TOWNSHIP	USGS 71/2 Quadrangle Map Name SHARON WEST	
Surface Landowner NEXLEV, INC.	Surface Lessor D & L ENERGY, INC.	Angle & Course of Deviation (Drilling) VERTICAL	Surface Elevation 94.7 ft.	Anticipated Total Depth 9300 ft.

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
MINERAL RESOURCES MANAGEMENT  
COLUMBUS, OH 43224



Gary Richard Taneri  
Registered Professional Surveyor No. 7672



**RESTORATION PLAN (Form 4)**

Ohio Department of Natural Resources

Division of Mineral Resources Management, 2045 Morse Road, Bldg. H-3, Columbus OH 43229-6693

<p>1. DATE OF APPLICATION: SEPT. 19, 2011</p>	
<p>2. OWNER NAME, ADDRESS, &amp; TELEPHONE NO.: D&amp;L ENERGY, INC., 2761 SALT SPRINGS RD., YOUNGSTOWN, OH 44509 330-792-9524</p>	<p>3. API #:</p> <p>4. WELL #: 5</p> <p>5. LEASE NAME: NORTHSTAR NEXLEV</p> <p>6. PROPERTY OWNER: NEXLEV INC.</p> <p>7. COUNTY: TRUMBULL</p> <p>8. CIVIL TOWNSHIP: HUBBARD</p> <p>9. SECTION: 35      10. LOT:</p>
<p>11. CURRENT LAND USE:</p> <p><input type="checkbox"/> Cropland                      <input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Pasture                          <input checked="" type="checkbox"/> Idle Land</p> <p><input type="checkbox"/> Wetlands                        <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Residential                      <input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input type="checkbox"/> Woodland:    <input type="checkbox"/> Broadleaf            <input type="checkbox"/> Needlelike</p>	<p>17. TYPE OF WELL:</p> <p><input type="checkbox"/> Oil      <input type="checkbox"/> Gas      <input checked="" type="checkbox"/> Other</p> <p>18. STEEPEST SLOPE GRADIENT CROSSING SITE:</p> <p><input type="checkbox"/> 0 to 2%                          <input checked="" type="checkbox"/> 2.1 to 8%</p> <p><input type="checkbox"/> 8.1 to 10%</p> <p><input type="checkbox"/> 10.1 to 24%                      <input type="checkbox"/> greater than 24%</p>
<p>12. SLOPE GRADIENT &amp; LENGTH DETERMINED FROM:</p> <p><input type="checkbox"/> Ground Measurement</p> <p><input type="checkbox"/> U.S. Geological Survey Topographical Maps</p> <p><input checked="" type="checkbox"/> Other: (explain) COUNTY GIS MAP</p>	<p>19. LENGTH OF STEEPEST SLOPE CROSSING SITE:</p> <p><input type="checkbox"/> 1 to 100 ft.                      <input type="checkbox"/> 101 to 200 ft.</p> <p><input checked="" type="checkbox"/> 201 to 400 ft.                      <input type="checkbox"/> greater than 400 ft.</p>
<p>13. TYPE OF FALL VEGETAL COVER:</p> <p><input type="checkbox"/> Little or no vegetal cover</p> <p><input type="checkbox"/> Short grasses</p> <p><input checked="" type="checkbox"/> Tall weeds or short brush (1 to 2 ft.)</p> <p><input type="checkbox"/> Brush or bushes (2 to 6 ft.)</p> <p><input type="checkbox"/> Agricultural crops</p> <p><input type="checkbox"/> Trees with sparse low brush</p> <p><input type="checkbox"/> Trees with dense low brush</p>	<p>20. RESTORATION OF DRILLING PITS: **</p> <p><input checked="" type="checkbox"/> Haul drilling fluids and fill pits</p> <p><input type="checkbox"/> Use steel circulating tanks</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>14. SOIL &amp; RESOILING MATERIAL AT WELLSITE:</p> <p><input checked="" type="checkbox"/> Stockpile and protect topsoil to be used when preparing seedbed</p> <p><input type="checkbox"/> Use of soil additives (e.g., lime, fertilizer)</p> <p><input type="checkbox"/> No resoiling planned</p> <p><input type="checkbox"/> Proposed alternative _____</p>	<p>21. BACKFILLING AND GRADING AT SITE:</p> <p><input type="checkbox"/> Construct diversions channeled to naturally established drainage systems</p> <p><input type="checkbox"/> Construct terraces across slopes</p> <p><input type="checkbox"/> Grade to approximate original contour</p> <p><input type="checkbox"/> Grade to minimize erosion &amp; control offsite runoff</p> <p><input checked="" type="checkbox"/> Proposed alternative DISPOSAL FACILITY</p>
<p>15. DISPOSAL PLAN FOR TREES AND TREE STUMPS:</p> <p><input type="checkbox"/> No trees disturbed                      <input type="checkbox"/> Haul to landfill</p> <p><input type="checkbox"/> Cut into firewood                          <input type="checkbox"/> Sell to lumber</p> <p><input type="checkbox"/> Bury with landowner's approval                      company</p> <p><input checked="" type="checkbox"/> Mulch small trees and branches, erosion control</p> <p><input checked="" type="checkbox"/> Use for wildlife habitat with landowner approval</p> <p><input type="checkbox"/> Proposed alternative _____</p>	<p>22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE:</p> <p><input checked="" type="checkbox"/> Seeding plan                                      <input type="checkbox"/> Sod</p> <p><input type="checkbox"/> Agricultural crops                                      <input type="checkbox"/> Trees and/or Bushes</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>23. ADDITIONAL HOLES:</p> <p><input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged</p> <p>24. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD:</p> <p><input type="checkbox"/> 100 ft. or less                          <input checked="" type="checkbox"/> 101 to 500 ft.</p> <p><input type="checkbox"/> 501 to 1500 ft.                          <input type="checkbox"/> greater than 1500 ft.</p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>25. CURRENT LAND USE OF PATH OF ACCESS ROAD:</p> <p><input type="checkbox"/> Cropland                                      <input type="checkbox"/> Pasture                      <input type="checkbox"/> Commercial</p> <p><input checked="" type="checkbox"/> Idle land                                      <input type="checkbox"/> Wetlands                      <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Industrial                                      <input type="checkbox"/> Residential</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input type="checkbox"/> Woodland:    <input type="checkbox"/> Broadleaf                      <input type="checkbox"/> Needlelike</p>

**\*\*PITS MUST BE FILLED WITHIN TWO MONTHS AFTER COMMENCEMENT OF THE WELL AND WITHIN FOURTEEN DAYS AFTER COMMENCEMENT OF THE WELL IN AN URBANIZED AREA.**

**RECEIVED**

**REQUIRED BY SECTION 1509.06 (A)(10), OHIO REVISED CODE -- FAILED TO SUBMIT MAY RESULT IN AN ASSESSMENT OF CRIMINAL FINES NOT LESS THAN \$100.00 NOR MORE THAN \$2,000.00 OR CIVIL PENALTIES NOT LESS THAN \$4,000.00.**

SEP 26 2011

26. SURFACING MATERIAL FOR ACCESS ROAD:

Gravel                       Brick and/or tile waste  
 Slag                               Crushed stone  
 No surfacing material to be used  
 Proposed alternative \_\_\_\_\_

29. STEEPEST SLOPE GRADIENT ON ACCESS ROAD:

0 to 5%  
 6 to 10%  
 greater than 10%

27. PATH OF ACCESS ROAD TO BE DETERMINED BY:

Landowner                       Contractor  
 Existing access road               Operator

30. APPROXIMATE LENGTH OF STEEPEST SLOPE ON ROAD:

0 to 100 ft.                       101 to 200 ft.  
 201 to 400 ft.                       greater than 400 ft.

28. GRADING AND EROSION CONTROL PRACTICE ON ROAD:

Diversions                       Filter strips  
 Drains                               Riprap  
 Open top culverts                       Water breaks  
 Outsloping of road  
 Pipe culverts  
 Proposed alternative \_\_\_\_\_

31. HAS LANDOWNER RECEIVED A COPY OF THIS RESTORATION PLAN?

Yes                               No

The undersigned hereby agrees to implement all restoration operations identified on this form, and conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all Orders and rules issued by the Chief, Division of Mineral Resources Management.

Signature of Owner/Authorized Agent 

Name (Typed or Printed) NICHOLAS PAPANODIS Date 9/20/2011

RESTORATION PLAN MUST BE SUBMITTED TO THE DIVISION IN DUPLICATE.

**RECEIVED**  
**SEP 26 2011**



**D & L ENERGY, INC.**  
**LAND DEPARTMENT**

2761 Salt Springs Road, Youngstown, Ohio 44509  
(330) 792-9524 (888) 343-4427 Fax (330) 270-1202  
[www.dandlenergy.com](http://www.dandlenergy.com)

---

October 10, 2011

**RECEIVED**

OCT 12 2011

Ohio Department of Natural Resources  
Division of Mineral Resources Management  
2045 Morse Road, Building H-3  
Columbus, OH 43229-6693

**DIVISION OF MINERAL  
RESOURCES MANAGEMENT**

Ladies and Gentlemen:

Enclosed please find a sample notification letter and the list of landowners notified as requested for a Permit to drill a Saltwater Injection Well for NORTHSTAR NEXLEV WELL NO. 5.

Water sampling was not required from the proposed well site, drinking water is provided from a municipal water source.

If you have any questions, please contact Nicholas Paparodis at 330-792-9524, ext. 132.

Very truly yours,

D&L ENERGY, INC.

A handwritten signature in cursive script that reads 'Kimberly Little'.

Kimberly Little  
Land Administration

/kl

Enclosures



**D&L ENERGY, INC.  
LAND DEPARTMENT**

2761 Salt Springs Road, Youngstown, Ohio 44509  
330-792-9524 888-343-4427 Fax 330-270-1202  
www.dandlenergy.com

---

October 7, 2011

Copy  
"Sample"

Yellow Equipment & Terminals Inc.  
10990 Roe Avenue  
Shawnee Mission, KS 66207

Dear Landowner(s):

D & L Energy, Inc. is writing to let you know that we have made an application with the Ohio Department of Natural Resources, Division of Mineral Resources Management, in Columbus, Ohio to drill a salt water injection well (NORTHSTAR NEXLEV NO. 5) shown on the enclosed well plat. As required we are notifying all property owners located within 500' of the well site.

If you have any questions concerning this application, please feel free to contact Nicholas Paparodis, V.P. of Land Operations at 330-792-9524.

Very truly yours,

***Kimberly A. Little***

Kimberly Little  
Land Administration

Enclosure

Latitude: 41° 10' 24.73"

NORTH: 554888

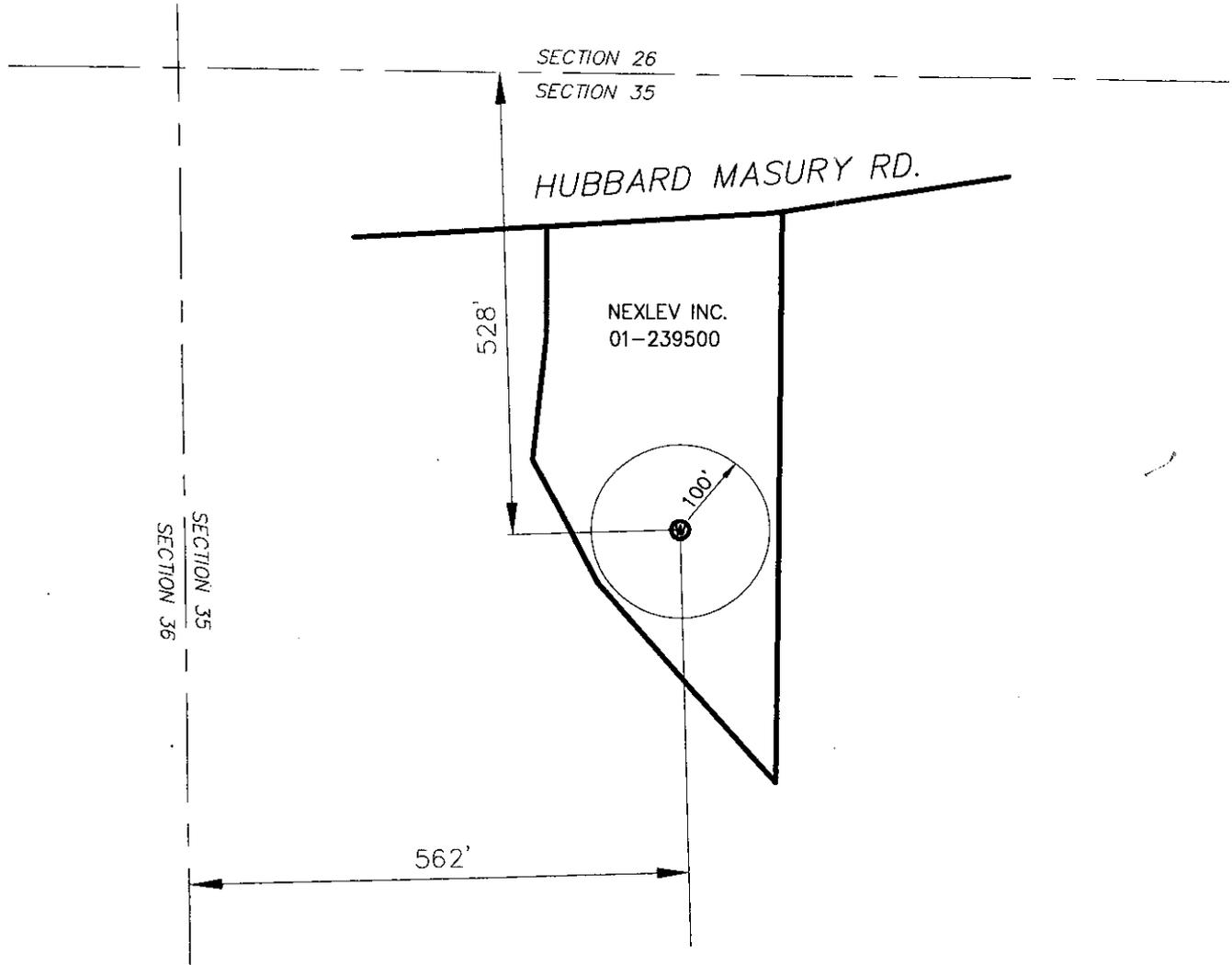
Longitude: 80° 33' 59.93"

EAST: 2500693

# WELL LOCATION PLAT

### LEGEND:

- ⊙ PROPOSED BRINE WATER INJECTION WELL  
NEW LOCATION



Surveyor or Engineer	GARY TANERI	Phone #	330-207-5502	Date	SEPT. 8, 2011	Scale	1"=200'	Acreege	3.98		
Lat. & Long Metadata Method	GPS	Accuracy	3 ft.	Datum	NAD83	Elevation Metadata Method	USGS	Accuracy	10 ft. Datum NGVD29	Survey Date	9/01/11
Applicant / Well Operator Name	D & L ENERGY, INC.			Well(Farm) Name	NORTHSTAR NEXLEV		Well #	5			
Address	2761 SALT SPRINGS ROAD YOUNGSTOWN, OH 44509			County	TRUMBULL		Municipality	HUBBARD TOWNSHIP			
Surface Landowner	NEXLEV, INC.			USGS 71/2 Quadrangle Map Name	SHARON WEST						
Surface Lessor	D & L ENERGY, INC.			Angle & Course of Deviation (Drilling)	VERTICAL		Surface Elevation	947 ft.	Anticipated Total Depth	9300 ft.	

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
MINERAL RESOURCES MANAGEMENT  
COLUMBUS, OH 43224



Gary Richard Taneri  
Registered Professional Surveyor No. 7672



Tomiel J. Mikes  
405 Montridge Drive  
Canfield, OH 44406-1232

AVI FOODSYSTEMS, INC.  
Anthony Payiavlas, President  
2590 Elm Road NE  
Warren, OH 44483

Yellow Equipment & Terminals Inc.  
10990 Roe Avenue  
Shawnee Mission, KS 66207

T G Investments LLC  
4695 Mahoning Avenue  
Youngstown, OH 44515

Nexlev, Inc.  
7041 Truck World Blvd.  
Hubbard, OH 44425

G & K Martin Family  
3154 Crescent Drive NE  
Warren, OH 44483

D&F Management and Properties  
2000 North River Road  
Warren, OH 44483

Loves Travel Stops and Country  
Stores, Inc.  
3336 East 32<sup>nd</sup> Street Suite 217  
Tulsa, OK 74134



**D & L ENERGY, INC.**  
**LAND DEPARTMENT**

2761 Salt Springs Road, Youngstown, Ohio 44509  
(330) 792-9524 (888) 343-4427 Fax (330) 270-1202  
[www.dandlenergy.com](http://www.dandlenergy.com)

---

October 18, 2011

Tom Tomastik, Geologist  
Division of Mineral Resources Management  
2045 Morse Road, Building H-3  
Columbus, OH 43229-6693

Dear Tom:

Enclosed please find the Saltwater Injection Well – Affidavits for the NORTHSTAR NEXLEV WELL NO. 5 and NORTHSTAR COLLINS WELL NO. 6. Thank you.

Very truly yours,

D&L ENERGY, INC.

A handwritten signature in cursive script that reads 'Kimberly Little'.

Kimberly Little  
Land Administration

/kl

Enclosures

**RECEIVED**

**OCT 19 2011**

**DIVISION OF MINERAL  
RESOURCES MANAGEMENT**

**SALTWATER INJECTION WELL – AFFIDAVIT**

Ohio Department of Natural Resources  
Division of Mineral Resources Management  
2045 Morse Road, Columbus, OH 43229-6693

State of Ohio, Mahoning County, ss

Nicholas C. Paparodis being first duly sworn

says that as principal, or authorized agent, for D & L Energy Inc.

he or she has made application for a saltwater injection well in the State of Ohio,

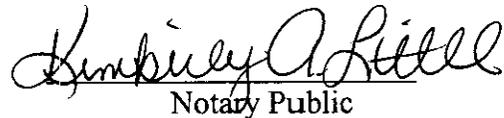
Trumbull County, Hubbard Township, section/lot number 35 ; and

further certifies that notice of application has been delivered to each individual entitled to personal notification in accordance with paragraph (E) of Rule 1501:9-3-.06 of the Ohio Administrative Code. And further affiant saith not.



Affiant Signature

Sworn to before me and subscribed in my presence this 18 day of October,  
20 11.



Notary Public



**KIMBERLY A. LITTLE**  
**MY COMMISSION EXPIRES**  
**JUNE 1, 2014**

RECORDED

OCT 19 2011



Ohio Department of Natural Resources  
Division of Mineral Resources Management  
2045 Morse Rd. Bldg. H-3 – Columbus OH 43229-6693



## *Urbanized Area Permit Conditions*

<b>Application Number</b>	<b>Permit Number</b>	<b>Inspection Date</b>	10/26/11	<b>Modification Date (if applicable)</b>	
					Northstar Nexlev #5 (SWIW #20)
<b>Company</b>	D & L Energy, Inc.	<b>Lease Name/Well #</b>			Hubbard
<b>County</b>	Trumbull	<b>Township</b>			Hubbard Township
<b>Section/Lot</b>	Section 35	<b>Urban Area</b>			Stephen Ochs
<b>Inspected By</b>					
<b>Accompanied By</b>	Nick Paparodis (Company)				

**Directions to Location** I 80 and State Route 7, 500 feet East on Hubbard Masury Road, South side of road

ITEM	LEASE ROAD, WELL SITE CONSTRUCTION	<b>Comments:</b>
1	<b>Tree/Brush Removal/Disposition</b>	Some brush and small trees need removed
2	<b>Topsoil Removal/Stockpiles/Placement</b>	Recommend topsoil be stockpiled North of well
3	<b>Erosion/Sediment Control (Silt Fence, Berms)</b>	Silt fence along south and west perimeter
4	<b>Drainage Controls (Diversion Ditches, Culverts, Waterways, Crossings)</b>	None
5	<b>Signage</b>	As required by HB278
6	<b>Apron/Culverts/Road Material</b>	A durable surface will be maintained on the lease road.
7	<b>Pull Off Area</b>	Well site
8	<b>Parking</b>	Well site
9	<b>GPS – Access Road</b>	N 41.17459 W 80.56646
10	<b>GPS – Well Stake</b>	N 41.17356 W 80.56666
11	<b>GPS – Tank Battery</b>	N 41.17395 W 80.56665

ITEM	DRILLING CONSIDERATIONS	Comments:		
	<b>Noise Mitigation</b>			
12	<b>(Mufflers, Extra Frac Tanks, Tarps)</b>	Appropriate muffler		
13	<b>Rig Type</b>	Fluid and Air Rotary		
14	<b>Is a Blow-out Preventor required?</b>	X	Yes	No
	<b>If No, explain:</b>			
	<b>Equipment Placement/</b>			
15	<b>Orientation (Rig/ Frac Tanks/ etc.)</b>	Recommend the rig be placed East-West		
16	<b>Drilling Pits (Placement/Orientation)</b>	Recommend the pits be placed South side		
17	<b>Fencing (Pits/Entire Location)</b>	Fence around pits		
18	<b>Flood Plain</b>	None		
19	<b>Mine Voids</b>	None		
20	<b>Verify Water Wells Within 300'</b>	None reported		
21	<b>Verify Structures Within 500'</b>	5 buildings		
22	<b>Verify Streams and Drainage</b>	Southwest toward Little Yankee Run		

ITEM	RESTORATION	Comments:		
23	<b>Pit Closure – (Standard/ Solidification/ Off-Site Disposal – state time frame)</b>	Once total depth has been reached, the pits will be solidified within 14 days.		
24	<b>Site Specific Time Frame For Restoration</b>	All restoration will be completed within three months after drilling is commenced.		
25	<b>Erosion/Sediment Control</b>	Maintain until preliminary restoration is completed		
26	<b>Drainage Control</b>	Maintain until final restoration is completed		

ITEM	PRODUCTION	Comments:		
27	<b>Is the Access Road Gate required?</b>	X	Yes	No
	<b>If No, explain:</b>			
	<b>Landscaping/Screening</b>			
28	<b>(Wellhead, Tank Battery)</b>	Landscaping/Screening required.		
	<b>Fencing</b>			
29	<b>(Wellhead, Tank Battery)</b>	Disposal facility will be fenced.		
	<b>(Waiver Attached if applicable)</b>			

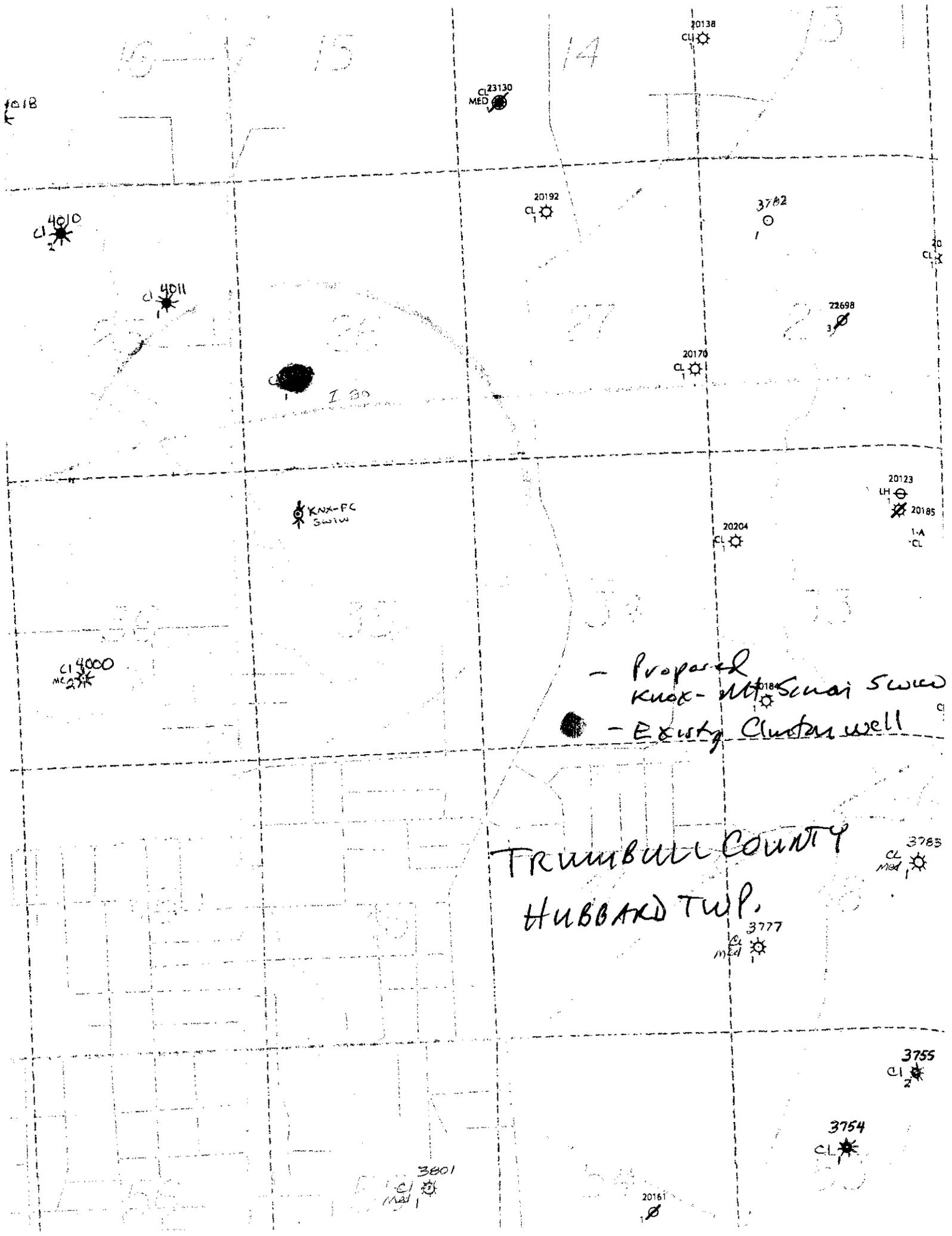
WAIVERS	Comments:		
<b>Is the Company required to submit a waiver?</b>	Yes	X	No
<b>If yes, submit the following waiver requests:</b>			
<b>Is the Company required to submit revised drawings?</b>	Yes	X	No

THE FOLLOWING ITEMS HAVE BEEN CHANGED FROM THE ORIGINAL APPLICATION:

OPERATOR DAL Energy Inc COUNTY Franklin  
 TOWNSHIP Ashtabula

P & A	FN	Permit Number	Casing Program / Cement	Well Log and/or Method of Plug
<input type="checkbox"/>	<u>KNOK- mte 5mm</u>	<u>Warrwell</u>	<u>13 7/8" - 100' - cement to surface</u>	
			<u>9 5/8" - 1010' - cement to surface</u>	
			<u>7" - 8215' - cement w/ 165 sacks</u>	
<input type="checkbox"/>	<u>4672</u>	<u>CL</u>	<u>Clinton well - does not penetrate</u>	<u>the injection zone</u>
<input type="checkbox"/>				

NOTE: Proposed injection well should be circumscribed with appropriate radius and all wells clearly labeled and identified. A legend depicting color code is required.



Knox-FC  
SWIM

- Proposed  
Knox-Mt Sinai SWIM  
- Existing Cluster well

TRUMBULL COUNTY  
HUBBARD TWP.

CI 4010

CI 4011

CI 4000

CI 23130  
MED

CI 20192

CI 20138

CI 20170

CI 20204

CI 20123

CI 20185

CI 3777

CI 3783

CI 3755

CI 3754

CI 3801

CI 20161



**D&L ENERGY, INC.  
LAND DEPARTMENT**

2761 Salt Springs Road, Youngstown, Ohio 44509  
330-792-9524 888-343-4427 Fax 330-270-1202  
www.dandlenergy.com

November 22, 2011

Ohio Department of Natural Resources  
Division of Mineral Resources Management  
Building H-3  
2045 Morse Road, Columbus, OH 43229-6693  
Attn: Mr. Tom Tomastik



RE: Northstar Nexlev Well No. 5 (SWIW),  
Township of Hubbard Objection Letter dated October 19, 2011

Dear Mr. Tomastik,

D&L Energy, Inc. would like to address and clarify the misinformation that was sent by Hubbard Township to the ODNR via the above referenced letter.

1. D&L Energy, Inc. has complied with all notifications requirements in regard to the permitting of the proposed Northstar Nexlev Well No. 5 (SWIW). The ORC that the Township refers to in their letter does not pertain to notifications for the permitting of Saltwater Injection wells.

2. a.) Distances to Tributary of Little Yankee Run are as follows: Wellhead: 186', Limits of drilling location: 65', Pits: 130', Tank Storage: 140'.

b.) Groundwater Aquifer is protected by casing and cement programs.

c.) This property is not within the 100 year floodplain. The lowest elevation on site is 14 feet above the 100 year flood elevation of 928.5'. Our facility will be constructed at elevation 944' plus or minus.

d.) The Township does not have nor did it submit any data that would support their claim and is only speculating that disposal wells are causing earthquakes.

e.) The Township is right it is paramount that Ohio capitalizes on the revenue stream that is and will be generated by the disposal of brine water.

D&L Energy, Inc. is requesting that the objection of Hubbard Township be denied due to the Township's submittal of misinformation, speculation, and its inability to demonstrate a valid health or safety concern.

Sincerely,

Nicholas C. Pappas  
Vice President of Land Operations



# Fax

**To:** Tom Tomastik / ODNR **From:** Nicholas C. Paparodis, V.P. Land

---

**Fax:** 614-265-7998 **Pages:** Cover plus 1

---

**Phone:** 614-265-6633 **Date:** November 23, 2011

---

**Re:** Northstar Nexlev Well No. 5 **CC:**

---

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**Urgent      XFor Review      Please Comment      Please Reply      Please Recycle**

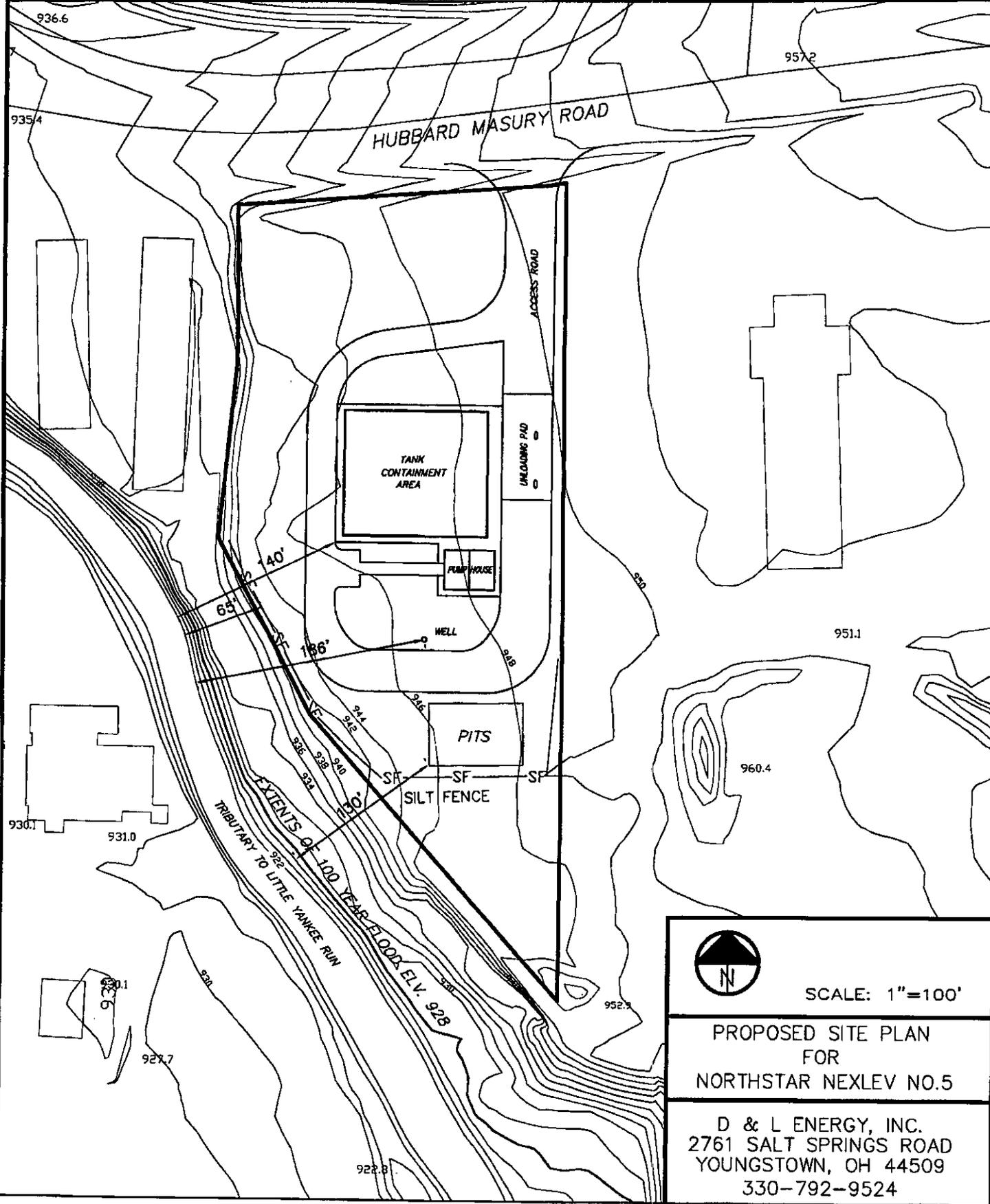
---

Tom,

Pursuant to our telephone conversation I have attached a map that depicts distances as referred to in my letter to you dated November 22, 2011.

Nick Paparodis

If any further information is needed feel free to contact Nick at letterhead # or by e-mail address: [NPaparodis@dandlenergy.com](mailto:NPaparodis@dandlenergy.com)




SCALE: 1"=100'

---

PROPOSED SITE PLAN  
 FOR  
 NORTHSTAR NEXLEV NO.5

---

D & L ENERGY, INC.  
 2761 SALT SPRINGS ROAD  
 YOUNGSTOWN, OH 44509  
 330-792-9524

**Tomastik, Tom**

**From:** Venita Bowman [VBowman@runfola.com]  
**Sent:** Tuesday, November 29, 2011 12:25 PM  
**To:** Tomastik, Tom  
**Subject:** RE: Upcoming public meeting and need for a court reporter

Thank you, Tom.

Your confirmation number for December 13<sup>th</sup> starting at 3:00 is 14670VBO.

**Ms. Venita Bowman**  
**Administrative Director**



[www.Runfola.com](http://www.Runfola.com)  
(614) 841-7759  
(614) 841-7749 (fax)

*Wavtext Digital Systems*  
*Green Global Reporti*

**From:** Tomastik, Tom [mailto:Tom.Tomastik@dnr.state.oh.us]  
**Sent:** Tuesday, November 29, 2011 8:25 AM  
**To:** Venita Bowman  
**Subject:** Upcoming public meeting and need for a court reporter

Venita:

The Division of Oil and Gas Resources Management will need a court reporter for an upcoming public meeting on December 13th starting at 3:00pm. The location is the Hubbard Township Trustees office in Trumbull County. The address is Administration Building, 2600 Elmwood Drive Ext. Hubbard, Ohio 44425. Their phone number is (330) 534-1411. Please let me know if this date and time wil work for you.

Thanks,  
Tom Tomastik, Geologist 4  
Division of Oil and Gas Resources Management  
2045 Morse Road, H-3  
Columbus, Ohio 43229-6693  
(614) 265-1032

11/29/2011



**D & L ENERGY, INC.  
LAND DEPARTMENT**

2761 Salt Springs Road, Youngstown, Ohio 44509  
(330) 792-9524 (888) 343-4427 Fax (330) 270-1202  
[www.dandlenergy.com](http://www.dandlenergy.com)

---

November 14, 2011

Tom Tomastik, Geologist  
Division of Mineral Resources Management  
2045 Morse Road, Building H-3  
Columbus, OH 43229-6693

Dear Tom:

Nick Paparodis asked that I send you the enclosed REVISED well location plat for the NORTHSTAR NEXLEV WELL NO. 5. Should you need anything further do not hesitate to contact us.

Very truly yours,

D&L ENERGY, INC.

A handwritten signature in cursive script that reads 'Kimberly Little'.

Kimberly Little  
Land Administration

/kl

Enclosures

**RECEIVED**  
NOV 17 2011  
DIVISION OF MINERAL  
RESOURCES MANAGEMENT

Latitude: 41° 10' 24.73"

NORTH: 554888

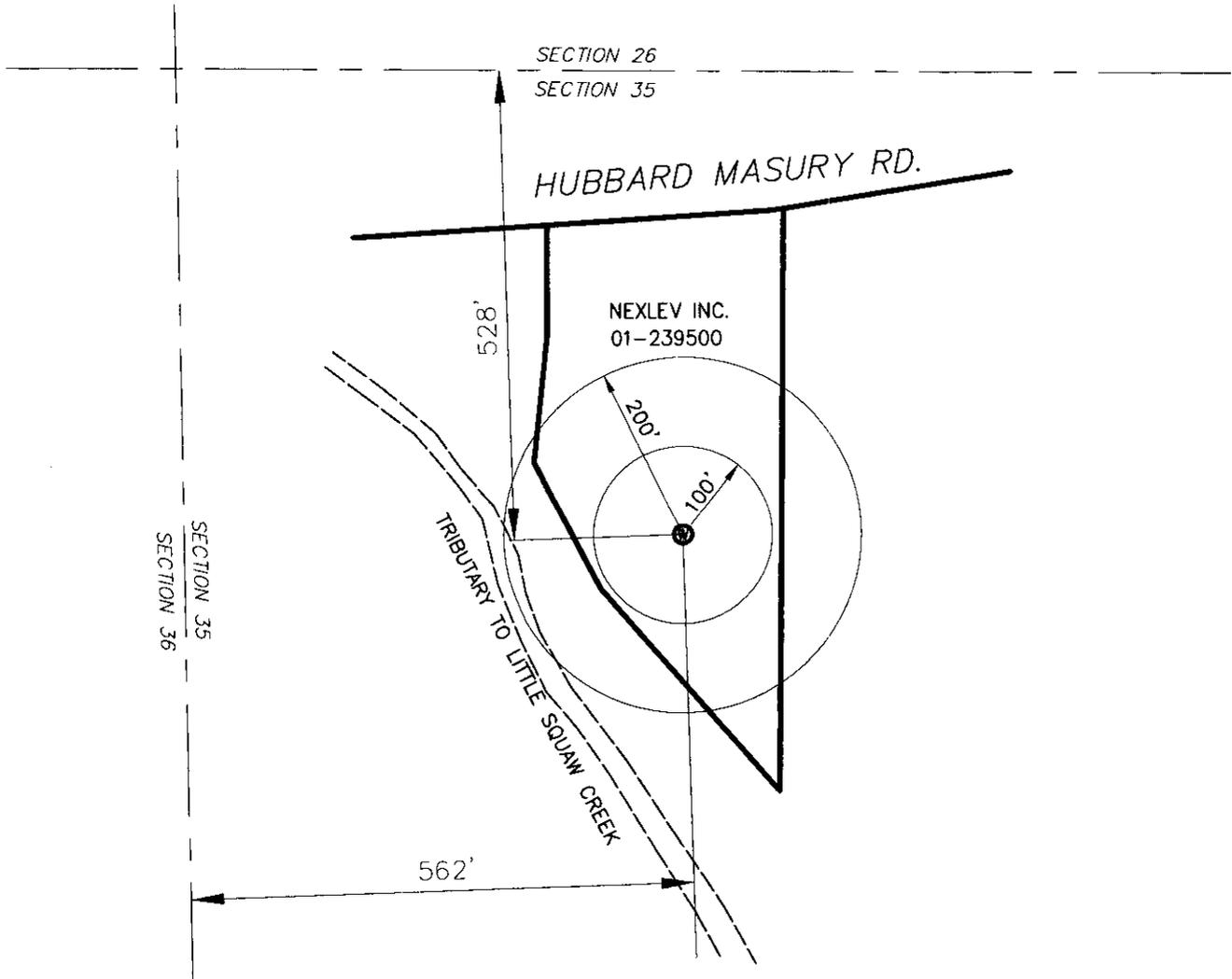
Longitude: 80° 33' 59.93"

EAST: 2500693

# WELL LOCATION PLAT

### LEGEND:

- ⊙ PROPOSED BRINE WATER INJECTION WELL NEW LOCATION



Surveyor or Engineer <b>GARY TANERI</b>	Phone # 330-207-5502	Date SEPT. 8, 2011	Scale 1"=200'	Acreege 3.98
Lat. & Long Metadata Method <b>GPS</b>	Accuracy 3 ft.	Datum NAD83	Elevation Metadata Method <b>USGS</b>	Accuracy 10 ft.
Survey Date 9/01/11	Applicant / Well Operator Name <b>D &amp; L ENERGY, INC.</b>	Well(Farm) Name <b>NORTHSTAR NEXLEV</b>	Well # 5	
Address 2761 SALT SPRINGS ROAD YOUNGSTOWN, OH 44509	County <b>TRUMBULL</b>	Municipality <b>HUBBARD TOWNSHIP</b>		
Surface Landowner <b>NEXLEV, INC.</b>	USGS 71/2 Quadrangle Map Name <b>SHARON WEST</b>	Surface Elevation 947 ft.	Anticipated Total Depth 9300 ft.	
Surface Lessor <b>D &amp; L ENERGY, INC.</b>	Angle & Course of Deviation (Drilling) <b>VERTICAL</b>			

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
MINERAL RESOURCES MANAGEMENT  
COLUMBUS, OH 43224



Gary Richard Taneri  
Registered Professional Surveyor No. 7672

11.10.11  
Date





# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

SCOTT A. ZODY, INTERIM DIRECTOR

## Division of Oil and Gas Resources Management

*J. Michael Biddison, Acting Chief*

2045 Morse Road, Bldg. H-2

Columbus, OH 43229-6693

Phone: (614) 265-6633 Fax: (614) 265-7998

October 20, 2011

Mr. Nick Paparodis  
D & L Energy, Inc  
2761 Salt Springs Road  
Youngstown, Ohio 44509

**RE: Public Notification for SWIW applications for Trumbull County, Hubbard Twp., New well, Northstar Nexlev #5 injection well**

Dear Mr. Paparodis:

As outlined in Rule 1501: 9-3-06 (E) (1) of the Ohio Administrative Code, please consider this letter as notification from the Division for you to proceed with the public notice. Enclosed, please find a copy of the notice you will need to have run in the newspaper of general circulation in the area of the proposed injection well. **The public notice must be run for only one day. After running this notice in the newspaper, please send me the original proof-of-publication from the newspaper as soon as possible.**

If you have any questions regarding this matter, please feel free to contact me at (614) 265-1032.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Tomastik", with a long horizontal line extending to the right.

Tom Tomastik, Geologist  
Technical Support Services Section  
Division of Oil and Gas Resources Management  
2045 Morse Road, H-3  
Columbus, Ohio 43229-6693

Cc: File

## PUBLIC NOTICE

D & L Energy, Inc. 2761 Salt Springs Road, Youngstown, Ohio, 44509, (330) 792-9524 is applying to permit a well for the injection of brine water produced in association with oil and natural gas. The location of the proposed injection well is the Northstar Nexlev #5, well, Section 35, Hubbard Township, Trumbull County, Ohio. The proposed wells will inject into the Knox through Mt. Simon Sandstone at a depth of 8215 feet to 9180 feet. The average injection is estimated to be 1500 barrels per day. The maximum injection pressure is estimated to be 1890 psi. Further information can be obtained by contacting D & L Energy, Inc. or the Division of Mineral Resources Management. The address of the Division is: Ohio Department of Natural Resources, Division of Mineral Resources Management, 2045 Morse Road, Building H-3, Columbus, Ohio 43229-6693, (614) 265-6633. For full consideration, all comments and objections must be received by the Division, in writing, within fifteen calendar days of the date of this published legal notice.