





1100186

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

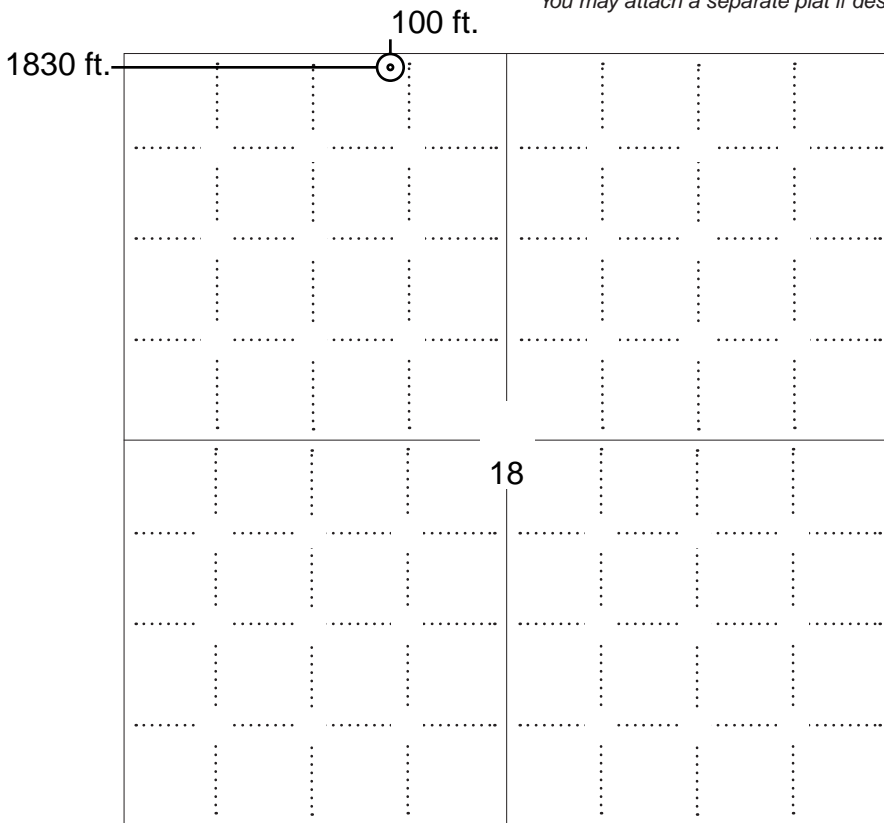
Is Section:  Regular or  Irregular

**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.**

#### 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.



KANSAS CORPORATION COMMISSION 1100186  
OIL & GAS CONSERVATION DIVISION

Form CDP-1  
May 2010  
Form must be Typed

**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			

**KCC OFFICE USE ONLY**

Liner     Steel Pit     RFAC     RFAS

Date Received: \_\_\_\_\_ Permit Number: \_\_\_\_\_ Permit Date: \_\_\_\_\_ Lease Inspection:     Yes     No



### 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.*

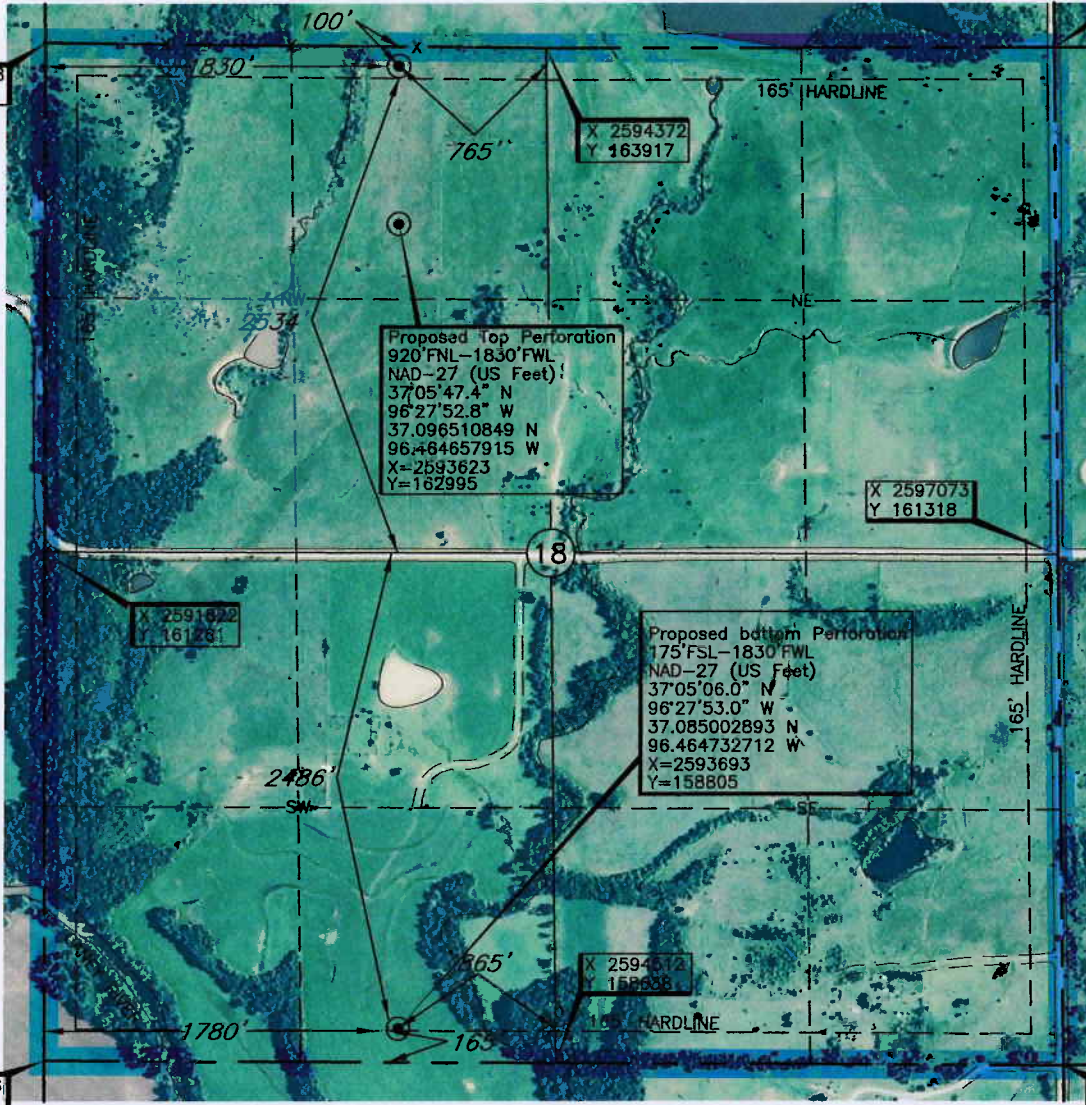
I Submitted Electronically

I

CHAUTAUQUA

County, Kansas

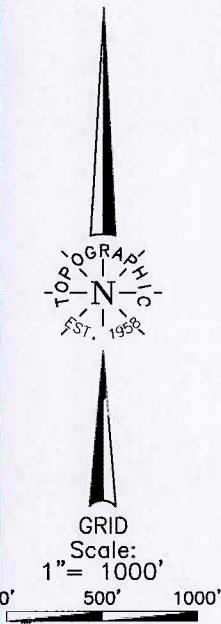
100' FNL-1830' FWL Section 18 Township 34S Range 9E P.M.



Bottom Hole  
 165' FSL-1830' FWL  
 NAD-27 (US Feet)  
 37°05'05.9" N  
 96°27'53.0" W  
 37.084975429 N  
 96.464732891 W  
 X=2593693  
 Y=158795

Proposed Top Perforation  
 920' FNL-1830' FWL  
 NAD-27 (US Feet)  
 37°05'47.4" N  
 96°27'52.8" W  
 37.096510849 N  
 96.464657915 W  
 X=2593623  
 Y=162995

Proposed bottom Perforation  
 175' FSL-1830' FWL  
 NAD-27 (US Feet)  
 37°05'06.0" N  
 96°27'53.0" W  
 37.085002893 N  
 96.464732712 W  
 X=2593693  
 Y=158805



Bottom Hole Information Provided by Operator Listed, NOI Surveyed. Corner Coordinates are Taken from Points Surveyed in the Field.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOI been measured on the ground.

Operator: NEMAHA OIL AND GAS

Lease Name: MASSEY

Well No.: 1A-18-34-9H

**ELEVATION:**  
946' Gr. at Stake

Topography & Vegetation Loc. fell in rolling pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location  
 Stakes Set None

Best Accessibility to Location From East off county road

Distance & Direction from Hwy Jct or Town From Cedar Vale, KS, go East ±2.0 mi, then ±1.0 mi South to arrive at the Northeast corner of Sec. 18-T34S-R9E

This information was gathered with a GPS receiver with Sub-Meter accuracy.  
 DATUM: NAD-27  
 LAT: 37°05'55.5"N  
 LONG: 96°27'52.7"W  
 LAT: 37.098762864  
 LONG: 96.464640974  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KANSAS SOUTH  
 X: 2593610  
 Y: 163815

Revision  C Date of Drawing: Nov. 27, 2012  
 Invoice # 192525 Date Staked: Nov. 13, 2012

LC

**CERTIFICATE:**

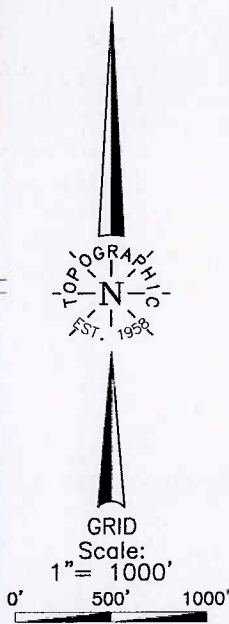
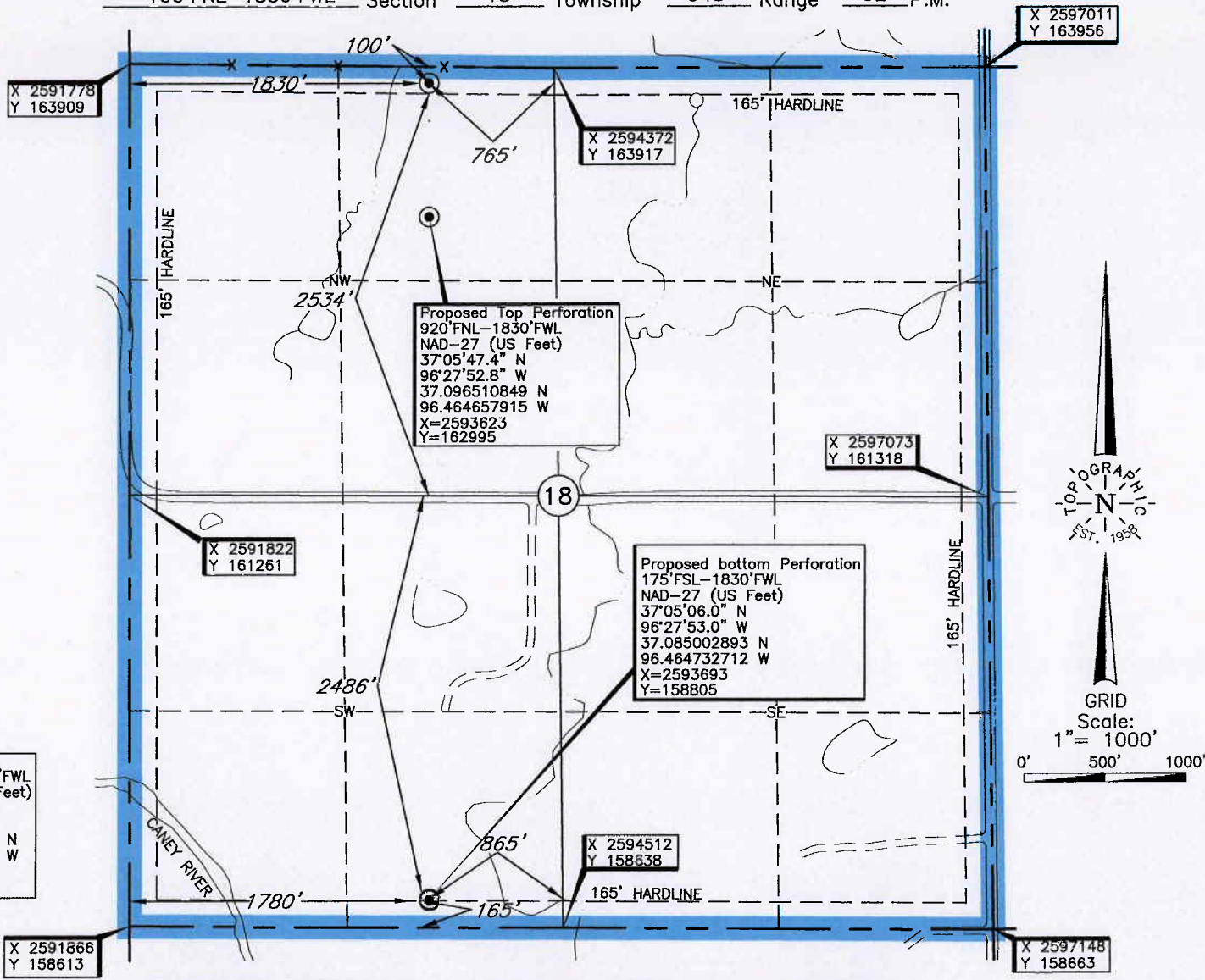
I, Michael Blake Brown a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



CHAUTAUQUA

County, Kansas

100'FNL-1830'FWL Section 18 Township 34S Range 9E P.M.



Bottom Hole Information Provided by Operator Listed, NOT Surveyed. Corner Coordinates are Taken from Points Surveyed in the Field.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.

Operator: NEMAHA OIL AND GAS

Lease Name: MASSEY Well No.: 1A-18-34-9H **ELEVATION:** 946' Gr. at Stake

Topography & Vegetation Loc. fell in rolling pasture

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From East off county road

Distance & Direction From Cedar Vale, KS, go East ±2.0 mi, then ±1.0 mi South to arrive at the Northeast corner of Sec. 18-T34S-R9E

This information was gathered with a GPS receiver with Sub-Meter accuracy.

DATUM: NAD-27  
 LAT: 37°05'55.5"N  
 LONG: 96°27'52.7"W  
 LAT: 37.098762864  
 LONG: 96.464640974  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: KANSAS SOUTH  
 X: 2593610  
 Y: 163815

Revision  C Date of Drawing: Nov. 27, 2012  
 Invoice # 192525 Date Staked: Nov. 13, 2012 LC

**CERTIFICATE:**  
 I, Michael Blake Brown a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



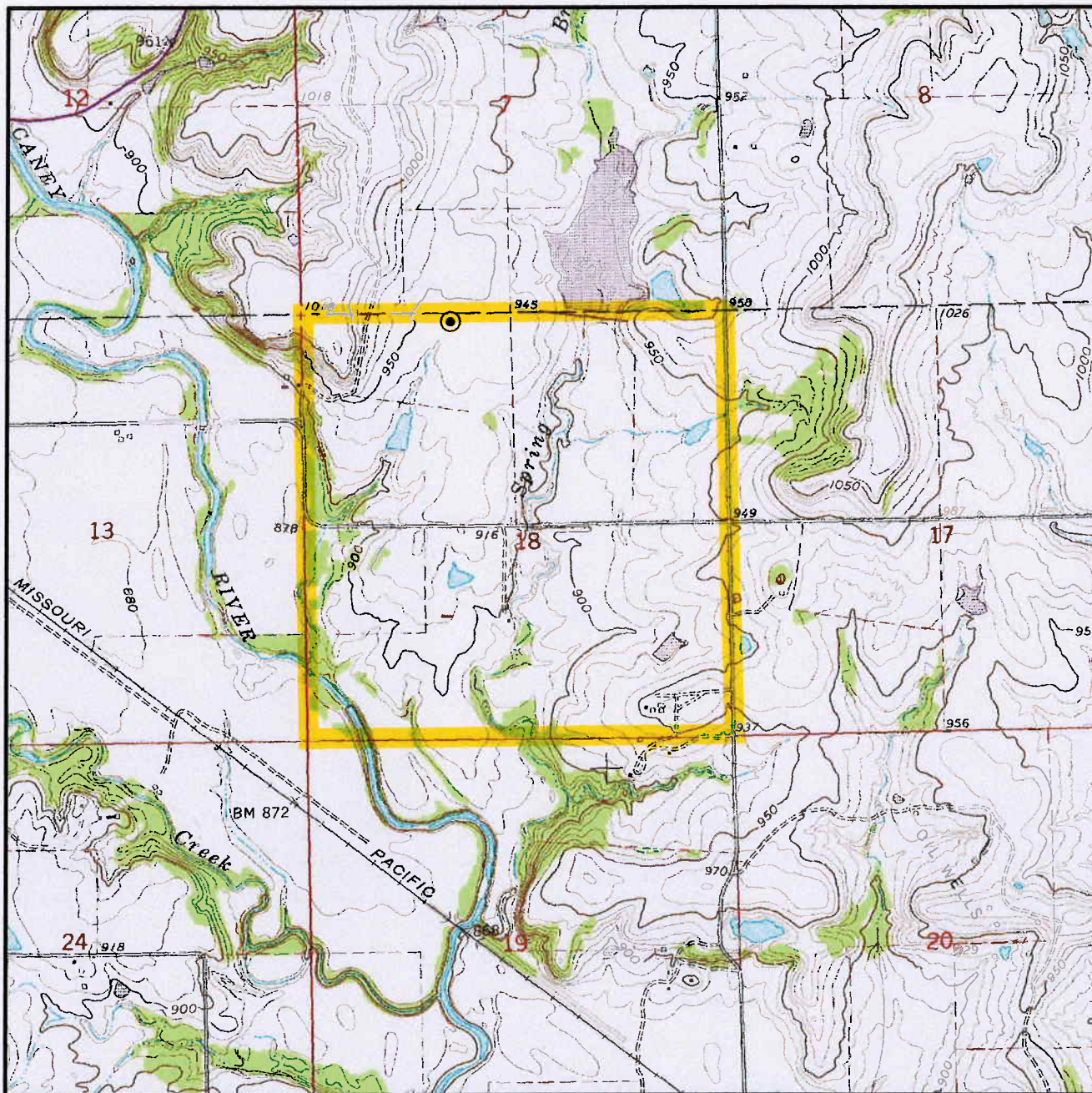
# TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry

6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 18 Twp. 34S Rng. 9E

County CHAUTAUQUA State KS

Operator NEMAHA OIL AND GAS

Description 100'FNL-1830'FWL

Lease MASSEY 1A-18-34-9H

Elevation 946' Gr. at Stake

U.S.G.S. Topographic  
Quadrangle Map CEDAR VALE EAST, KS

Above Background Data from  
U.S.G.S. Topographic Map

Scale: 1"=2000'

Contour Interval 10'

This location has been very carefully staked on the ground according to the best official survey records, maps and photographs available to us, but its accuracy is not guaranteed. When elevation is shown hereon it is the ground elevation of the location stake.

Review this plat and inform us immediately of any possible discrepancy.

**TOPOGRAPHIC**

SURVEYING • MAPPING • GIS • GPS

**LAND SURVEYORS**

Nov. 13, 2012

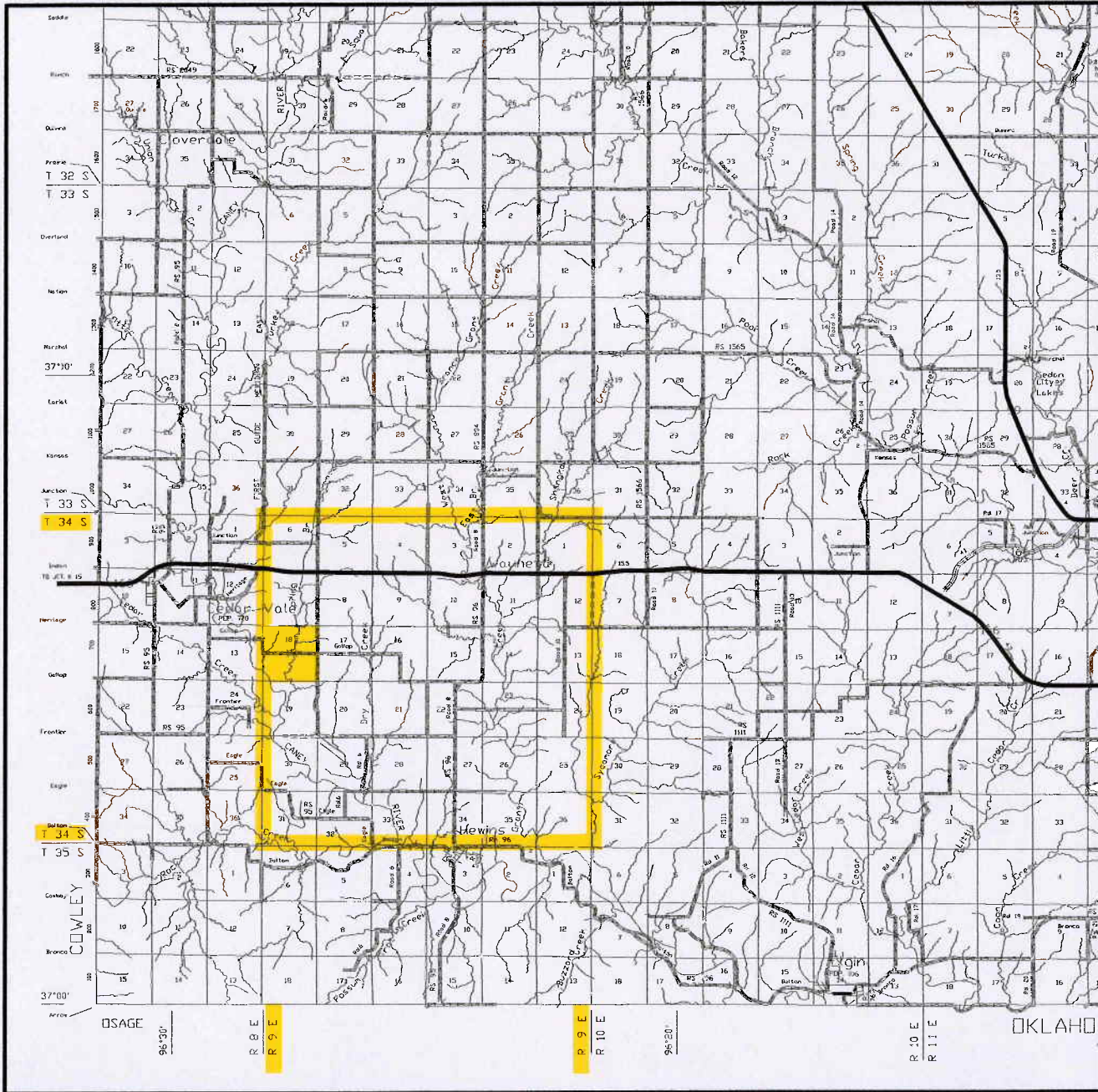
# TOPOGRAPHIC LAND SURVEYORS

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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 18 Twp. 34S Rng. 9E

County CHAUTAUQUA State KS

Operator NEMAHA OIL AND GAS

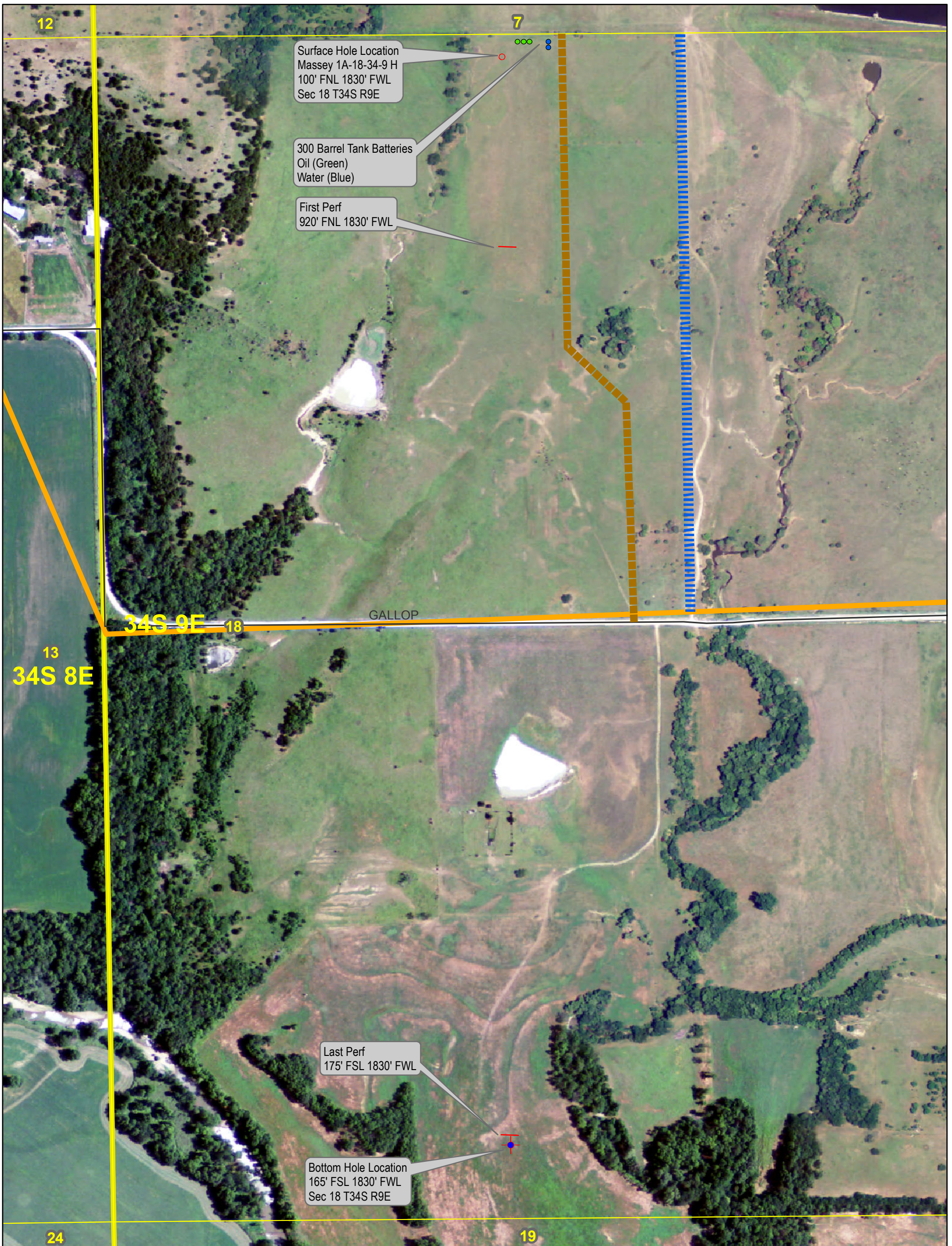
**TOPOGRAPHIC**  
SURVEYING • MAPPING • GIS • GPS  
**LAND SURVEYORS**



# Massey 1A-18-34-9 H

Chautauqua County, KS

Section 18 T34S R9E



November 26, 2012



N E M A H A  
O I L A N D G A S



0 375 750 1,500 Feet

- Proposed Lease Road
- Proposed Electric Line
- Caney Valley Electric
- Paved Road
- Gravel/Dirt Road

**Massey 1A-18-34-9H**

**Offset Operators and Unleased Mineral Owners.**

Nemaha Oil & Gas, LLC currently owns valid leases covering the entire section of 18-34S-9E.

**All Sec 18 T34S R9E**

Nemaha Oil & Gas, LLC

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 30, 2012

Dusty Weatherly  
Nemaha Oil and Gas LLC  
110 W. 7TH ST., STE 1800  
TULSA, OK 74119

Re: Drilling Pit Application  
Massey 1A-18-34-9H  
NW/4 Sec.18-34S-09E  
Chautauqua County, Kansas

Dear Dusty Weatherly:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

**If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.**

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

**A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.** If you have any questions or concerns please feel free to contact the District Office at (620) 432-2300.