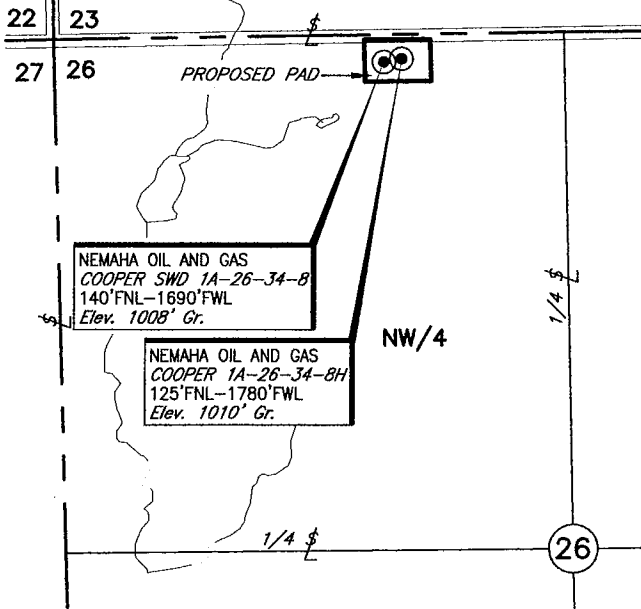


R 8 E

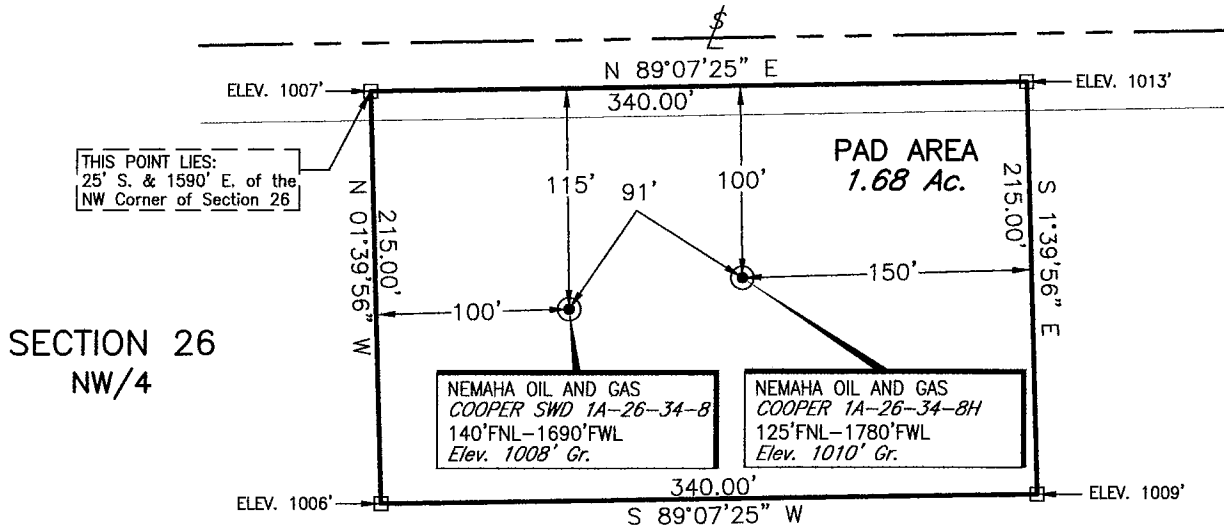
T 34 S - R 8 E



VICINITY MAP
Scale: 1" = 1000'



BASIS OF BEARING GRID



SECTION 26
NW/4

PLAT SHOWING
 PROPOSED PAD AREA
 IN THE NW/4 OF SECTION 26, T34S - R8E
 CHAUTAUQUA COUNTY, KANSAS

This plat was prepared exclusively for
NEMAHA OIL & GAS
 TULSA, OKLAHOMA

TOPOGRAPHIC LAND SURVEYORS
 6709 N. Classen, Okla. City, OK. 73116 (405) 843-4847
 Certificate of Authorization No. LS-99, Exp. December 31, 2013

SCALE: 1" = 100'

DATE: 11-30-12

FILE: L4001A.DWG

DRAWING NUMBER:

114028-L4-001-A

SHEET 1 OF 1

NO.	REVISION	DATE	BY
SURV. BY:	JM	11-29-12	
DRAWN BY:	LC		
APPROVED BY:	WF		

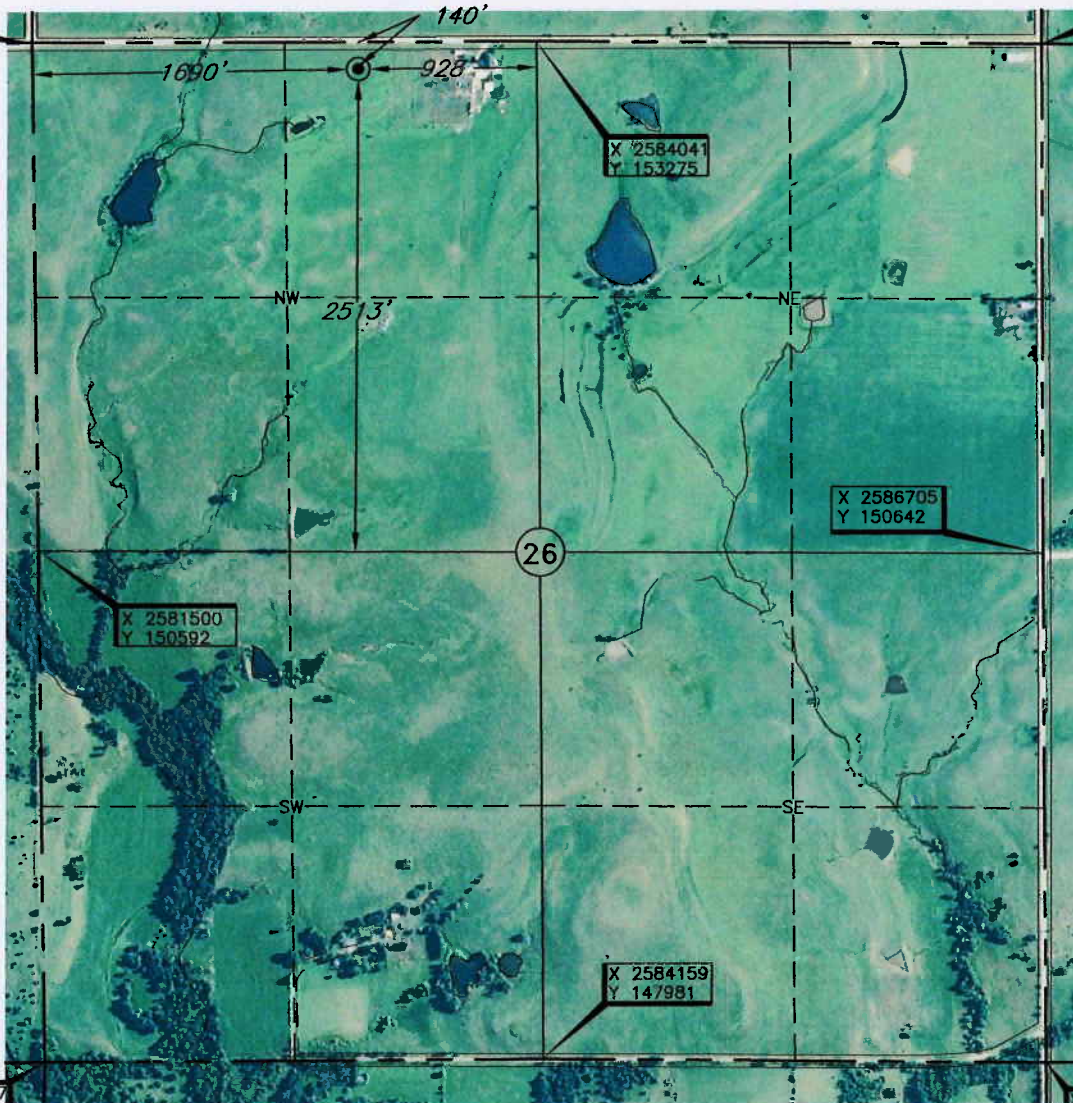
CHAUTAUQUA

County, Kansas

140' FNL-1690' FWL Section 26 Township 34S Range 8E P.M.

X 2581423
Y 153234

X 2586656
Y 153293



X 2581500
Y 150592

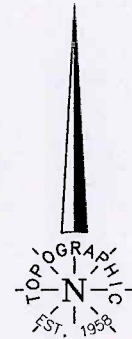
X 2584041
Y 153275

X 2586705
Y 150642

X 2584159
Y 147981

X 2581577
Y 147934

X 2586763
Y 147996



GRID Scale:
1" = 1000'
0' 500' 1000'

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: COOPER SWD

Well No.: 1A-26-34-8

ELEVATION:

1008' Gr. at Stake

Topography & Vegetation Loc. fell in level pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jct or Town From Cedarvale, KS, go ±2.8 miles South on county road to the NW Cor. of Sec. 26-T34S-R8E

Date of Drawing: Nov. 30, 2012

Invoice #193323A Date Staked: Nov. 29, 2012

LC

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

DATUM: NAD-27
 LAT: 37°04'12.1"N
 LONG: 96°30'05.0"W
 LAT: 37.070021898
 LONG: 96.501395955
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KANSAS SOUTH
 X: 2583117
 Y: 153120

CERTIFICATE:

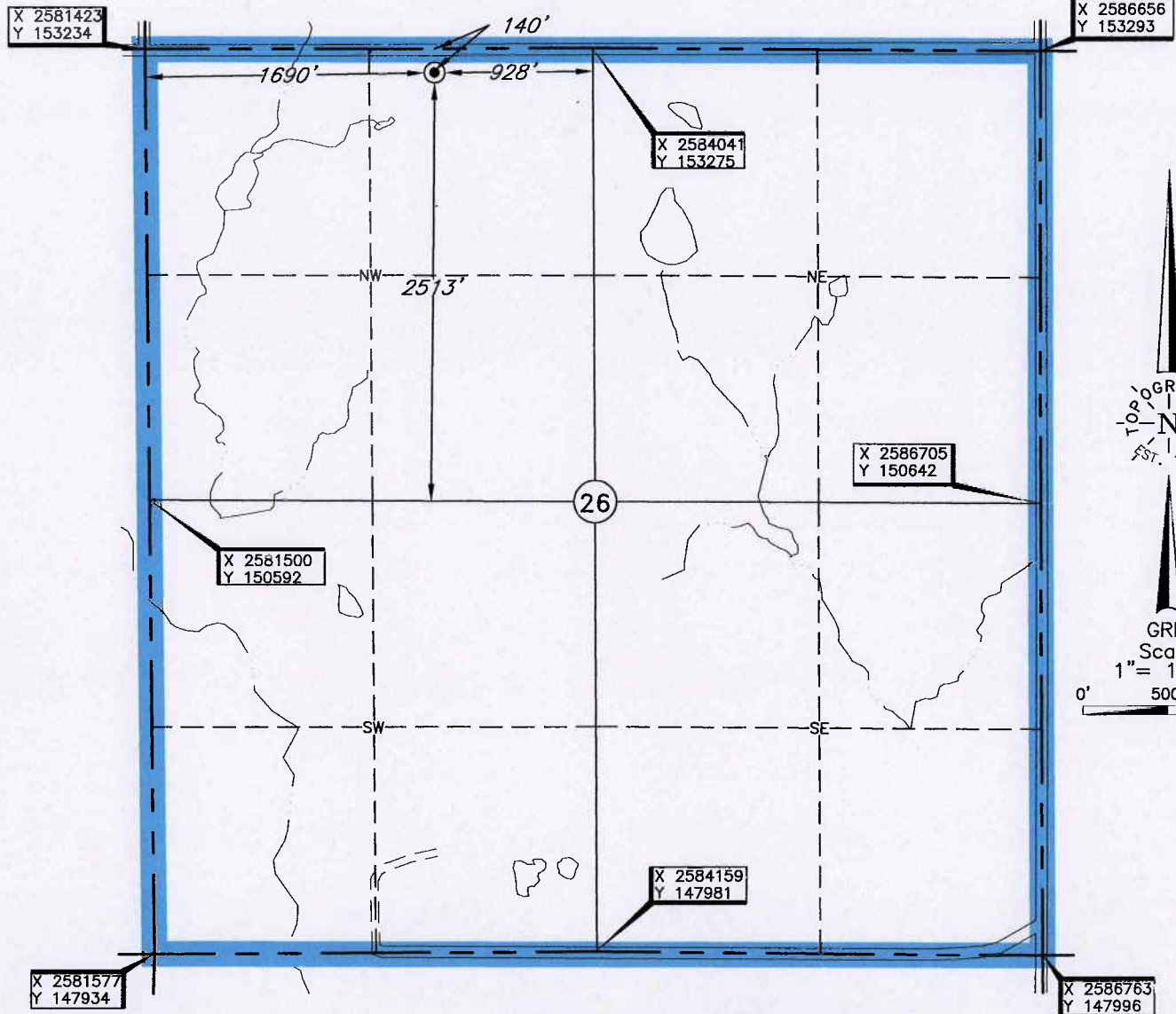
I, Michael Blake Brown a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.



CHAUTAUQUA

County, Kansas

140' FNL-1690' FWL Section 26 Township 34S Range 8E P.M.



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: COOPER SWD

Well No.: 1A-26-34-8

ELEVATION:

1008' Gr. at Stake

Topography & Vegetation Loc. fell in level pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction
 from Hwy Jct or Town From Cedarvale, KS, go ±2.8 miles South on county road to the
 NW Cor. of Sec. 26--T34S--R8E

Date of Drawing: Nov. 30, 2012

Invoice #193323A Date Staked: Nov. 29, 2012

LC

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

DATUM: NAD-27
 LAT: 37°04'12.1"N
 LONG: 96°30'05.0"W
 LAT: 37.070021898
 LONG: 96.501395955
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KANSAS SOUTH
 X: 2583117
 Y: 153120

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.



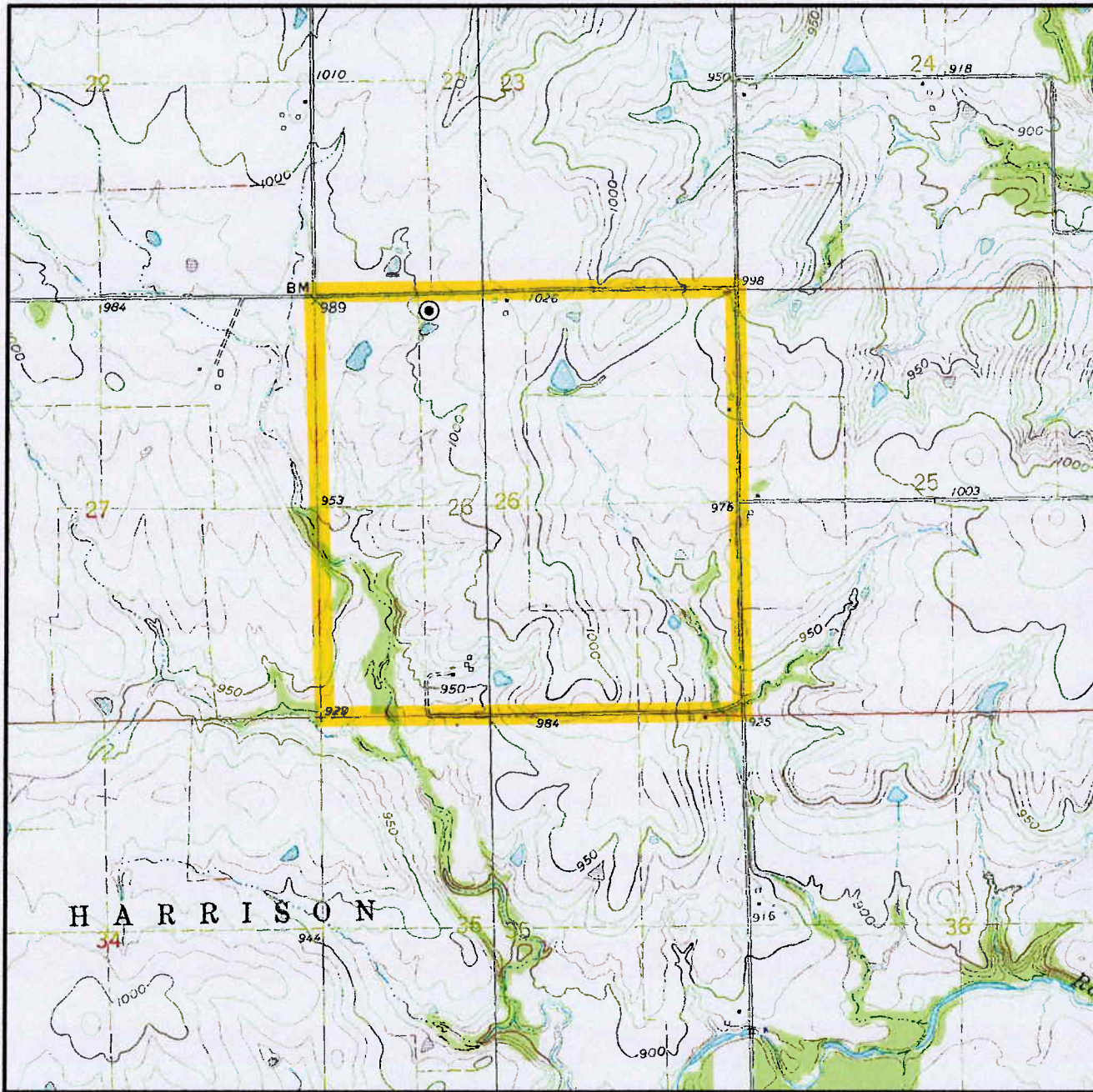
TOPOGRAPHIC LAND SURVEYORS

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. 26 Twp. 34S Rng. 8E

County CHAUTAUQUA State KS

Operator NEMAHA OIL AND GAS

Description 140'FNL-1690'FWL

Lease COOPER SWD 1A-26-34-8

Elevation 1008' Gr. at Stake

U.S.G.S. Topographic
Quadrangle Map CEDARVALE WEST, 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. 29, 2012

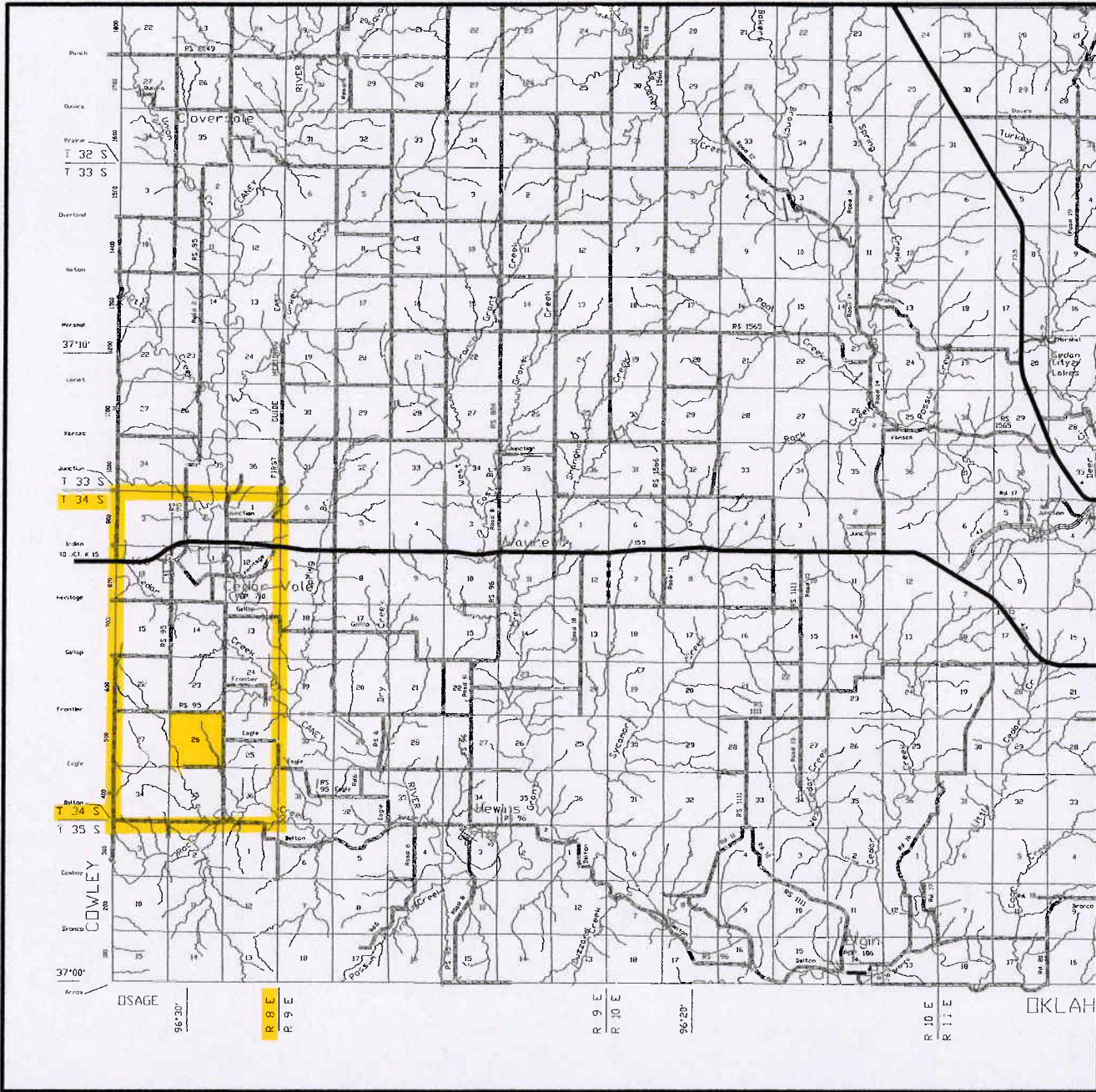
TOPOGRAPHIC LAND SURVEYORS

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

VICINITY MAP



Scale: 1" = 3 Miles

Sec. 26 Twp. 34S Rng. 8E

County CHAUTAUQUA State KS

Operator NEMAHA OIL AND GAS

TOPOGRAPHIC
SURVEYING • MAPPING • GIS • GPS
LAND SURVEYORS