

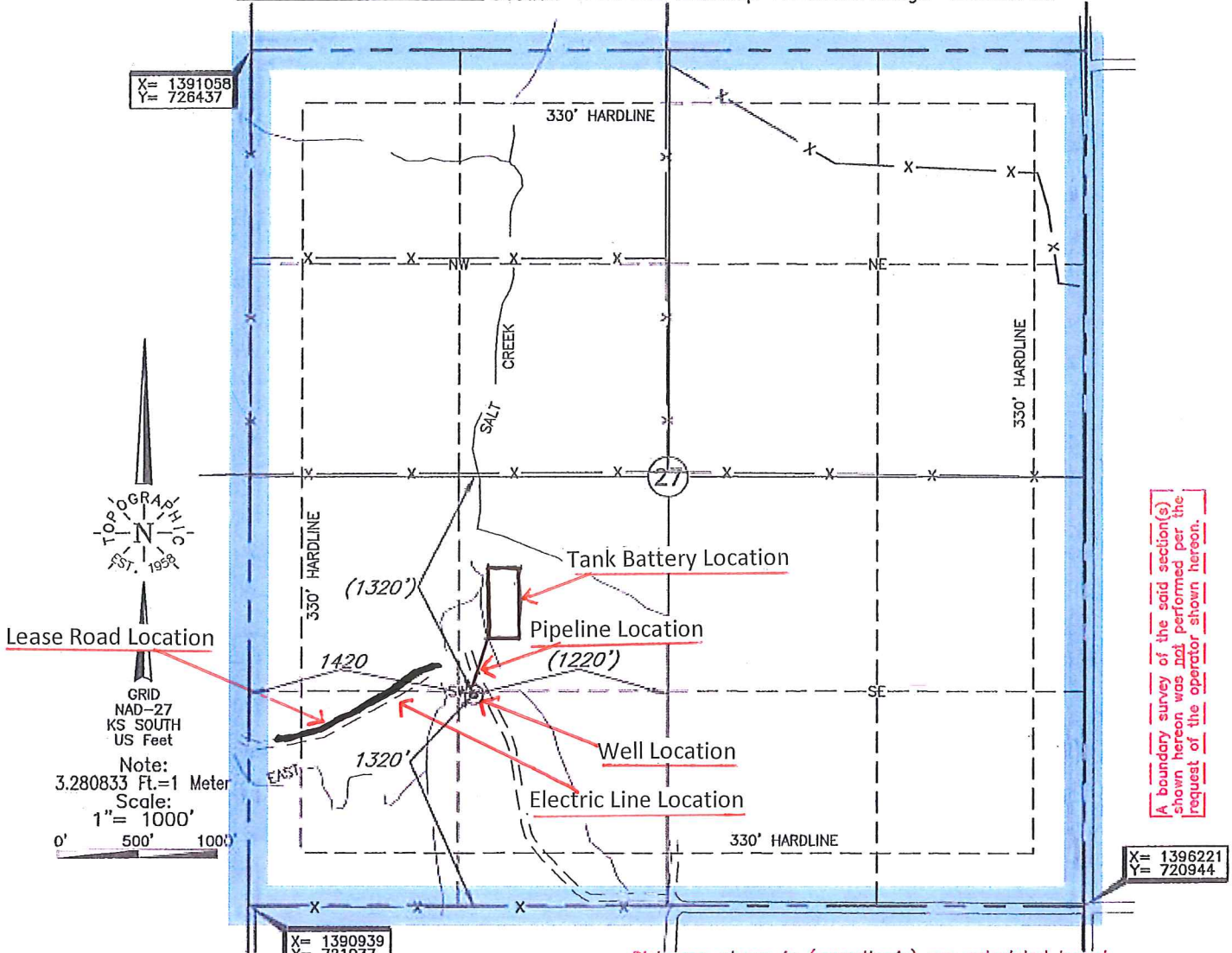
TOPOGRAPHIC LAND SURVEYORS

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2015

LANE

County, Kansas

1320'FSL - 1420'FWL Section 27 Township 16S Range 30W P.M.



A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

Note:
 3.280833 Ft.=1 Meter
 Scale:
 1"= 1000'
 0' 500' 1000'

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: CATO EXPLORATION, LLC

Lease Name: CRAMER TRUST

Well No.: 1

ELEVATION:
2796' Gr. at Stake

Topography & Vegetation Loc. fell in sloped grass pasture

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

Best Accessibility to Location From SE off lease road

Distance & Direction from Hwy Jct or Town From Healy, KS, go ±2.0 mi. North, then ±1.0 mi. West through Sec. 27 to the SW Cor. of Sec. 27-16S-R30W

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

DATUM: NAD-27
 LAT: 38°37'53.2"N
 LONG: 100°37'37.3"W
 LAT: 38.631432991° N
 LONG: 100.627031413° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: KS SOUTH
 X: 1392388
 Y: 722361

Invoice # 223441 Date of Drawing: Jun. 16, 2014
 Date Staked: Jun. 11, 2014

CERTIFICATE:

I, Lee K. Goss a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

